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NORTH DAKOTA
AGRICULTURAL STATISTICS
1981

Compiled by

NORTH DAKOTA CROP & LIVESTOCK REPORTING SERVICE

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FOREWORD & TABLE OF CONTENTS

FOREWORD

Again we are pleased to publish this summary of North Dakota agricultural statistics. It is gratifying to know that about 5,000 copies of this publication find their way into useful service in offices and homes throughout North Dakota and the Nation. A number of copies are also requested from overseas. You will find this book a comprehensive presentation of farm statistics, including information on crop production, livestock numbers, farm income, prices, weather and grain shipments for 1980. These include estimates for the State and by counties.

Data included in this publication are similar to recent years. However, more comprehensive data on wheat varieties, along with 1980 custom rates, are included. Crop estimates at the State level for 1971-80 are listed on pages 18 and 19, county estimates for 1979-80 follow. Only 4 years of livestock data for most items are included herein, but long term data is readily available upon request.

I want to extend a special "thank you" to the many North Dakota farmers and ranchers and agri-business people who voluntarily report the essential and basic information for making these estimates. This publication would not be possible without their most gracious and devoted service.

Collection and publication of these data have been made possible through the cooperative efforts of the Economics and Statistics Service, USDA, and the Agricultural Experiment Station, Department of Agricultural Economics at North Dakota State University. These data were compiled by the staff of the North Dakota Crop and Livestock Reporting Service. Funds for reproducing the publication were provided by the University. Other contributors include the Cooperative Weather Service, North Dakota State Wheat Commission, Malting Barley Improvement Association and the Upper Great Plains Transportation Institute from Public Service Commission records.

Most of the estimates presented in this publication are based on information collected from producers and agri-business establishments. Much of the data are obtained from voluntary reports obtained through special mail surveys. More sophisticated probability sampling techniques are also utilized. One technique used is to account for all of the agriculture within sample segments of land randomly selected throughout the State. Although only a small portion of the total land in the State is included, this sample of land has been selected so that the segments represent a complete coverage of agriculture in North Dakota. These data in turn are expanded to State estimates.

Samples are also selected from a list of all known farm operations "Universe List". These samples are selected so they represent the entire list of operations in the State. State indications based on this technique are also obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the Universe. Those not found are used to measure the incompleteness of the "Universe List". The combination of these two sample sources is called "multiple frame sampling".

A free copy of this publication may be obtained upon request to the North Dakota Crop and Livestock Reporting Service, P.O. Box 3166, Fargo, ND 58108. A copy may also be obtained from the Chairman, Department of Agricultural Economics, NDSU, Fargo, ND 58105.

Robert F. Carver

Robert F. Carver
Agricultural Statistician
in Charge

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INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK

RANK OF COUNTIES

INCOME

REAL ESTATE

WEATHER

THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION 1980												
Corn for Grain	Iowa	Ill.	Minn.	Nebr.	Ind.	Ohio	Wisc.	Mich.	S.Dak.	Tex.	25	2/
Corn for Silage	Minn.	Iowa	Wisc.	N.Y.	Nebr.	Pa.	S.Dak.	Mich.	Kans.	Calif.	25	1
Winter Wheat	Kans.	Okla.	Wash.	Tex.	Nebr.	Colo.	Mo.	Calif.	Ill.	Oreg.	39	2/
Durum Wheat	N.Dak.	Ariz.	Calif.	Mont.	S.Dak.	Minn.	---	---	---	---	1	67
Other Spring Wheat	N.Dak.	Minn.	Mont.	Idaho	S.Dak.	Wash.	Oreg.	Colo.	Utah	Nev.	1	28
All Wheat	Kans.	Okla.	N.Dak.	Wash.	Tex.	Mont.	Nebr.	Colo.	Minn.	Idaho	3	8
Oats	Minn.	S.Dak.	Iowa	Wisc.	Mich.	Ohio	Pa.	N.Y.	Nebr.	Ill.	11	3
Barley	Idaho	N.Dak.	Calif.	Mont.	Minn.	Wash.	Colo.	S.Dak.	Utah	Oreg.	2	13
Rye	S.Dak.	Ga.	Minn.	N.Dak.	Okla.	S.C.	Mich.	Tex.	Nebr.	Pa.	4	9
Flaxseed	S.Dak.	N.Dak.	Minn.	Tex.	---	---	---	---	---	---	2	38
Potatoes	Idaho	Wash.	Maine	Oreg.	Calif.	Wisc.	N.Dak.	Colo.	Minn.	N.Y.	7	5
Soybeans for Beans	Iowa	Ill.	Ind.	Minn.	Mo.	Ohio	La.	Ark.	Miss.	Nebr.	26	2/
Dry Edible Beans	Mich.	Calif.	Idaho	N.Dak.	Nebr.	Colo.	Wash.	Minn.	Wyo.	N.Y.	4	10
Sugarbeets	Calif.	Minn.	Idaho	N.Dak.	Mich.	Nebr.	Colo.	Wyo.	Mont.	Tex.	4	9
Sunflower	N.Dak.	Minn.	S.Dak.	Tex.	---	---	---	---	---	---	1	59
Alfalfa Seed	Calif.	Idaho	Wash.	Okla.	Nev.	Oreg.	Kans.	S.Dak.	Mont.	Utah	12	2/
Alfalfa Hay & Mixtures	Wisc.	Iowa	Calif.	Minn.	Nebr.	Idaho	Mich.	S.Dak.	N.Y.	Kans.	21	1
All Other Hay	Tex.	Mo.	N.Y.	Ky.	S.Dak.	Nebr.	Pa.	Ohio	Wisc.	Tenn.	14	3
All Hay	Wisc.	Iowa	Calif.	Minn.	Nebr.	N.Y.	Tex.	S.Dak.	Mo.	Idaho	21	2
Total Acreage of Principal Crops Harvested	Iowa	Ill.	Tex.	Kans.	Minn.	Nebr.	N.Dak.	S.Dak.	Mo.	Ind.	7	5
LIVESTOCK ON HAND January 1, 1981												
All Cattle & Calves	Tex.	Iowa	Nebr.	Kans.	Mo.	Okla.	Calif.	Wisc.	S.Dak.	Minn.	22	2
Milk Cows That Have Calved	Wisc.	N.Y.	Calif.	Minn.	Pa.	Mich.	Iowa	Ohio	Tex.	Mo.	30	1
Beef Cows That Have Calved	Tex.	Mo.	Okla.	Nebr.	Kans.	Iowa	S.Dak.	Mont.	Fla.	Ark.	16	2
All Hogs - December 1, 1980	Iowa	Ill.	Minn.	Ind.	Mo.	Nebr.	N.C.	Ga.	Ohio	Kans.	26	2/
Stock Sheep & Lambs	Tex.	Calif.	Wyo.	S.Dak.	Utah	N.Mex.	Mont.	Colo.	Idaho	Oreg.	15	2
Sheep & Lambs on Feed	Colo.	Tex.	Calif.	Wyo.	5/	5/	Iowa	Kans.	N.Mex.	N.Dak.	10	3
Cattle & Calves on Feed	Tex.	Nebr.	Iowa	Kans.	Colo.	Calif.	Ill.	Ariz.	Minn.	S.Dak.	28	2/
All Chickens - December 1980	Calif.	Ga.	Ark.	Ind.	Pa.	Ala.	N.C.	Tex.	Fla.	Minn.	47	2/
LIVESTOCK PRODUCTION IN 1980												
Calf Crop	Tex.	Mo.	Okla.	Iowa	Wisc.	Nebr.	Kans.	S.Dak.	Calif.	Mont.	6/	2
Lamb Crop	Tex.	Calif.	S.Dak.	Wyo.	Utah	Idaho	Colo.	Mont.	N.Mex.	Oreg.	15	2
Pig Crop	Iowa	Ill.	Minn.	Mo.	Ind.	Nebr.	N.C.	Ohio	Wisc.	Ga.	26	2/
Chickens Raised 3/	Calif.	Ga.	Ark.	Ind.	Pa.	Ala.	N.C.	Tex.	Fla.	Minn.	34	1
Turkeys Raised	Minn.	N.C.	Calif.	Ark.	Mo.	Va.	Tex.	Iowa	Ind.	Pa.	22	1
Egg Production	Calif.	Ga.	Pa.	Ark.	Ind.	Ala.	N.C.	Tex.	Fla.	Ohio	47	2/
Wool Production	Tex.	Calif.	Wyo.	Colo.	S.Dak.	Utah	Mont.	N.Mex.	Idaho	Oreg.	14	2
Honey Production	Calif.	Fla.	N.Dak.	Minn.	Mont.	S.Dak.	Nebr.	Tex.	Mo.	Iowa	3	7
Milk Production	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Wash.	31	1
Creamery Butter 4/	Wisc.	Minn.	Calif.	Pa.	N.Y.	Wash.	Mich.	Ohio	Mo.	Iowa	18	1
American Cheese 4/	Wisc.	Minn.	Iowa	N.Y.	Idaho	S.Dak.	Mo.	N.Dak.	Ky.	Utah	8	2
CASH RECEIPTS FROM FARM MARKETINGS & GOVT. PAYMENTS-1980												
Crops 1/	Calif.	Ill.	Iowa	Tex.	Minn.	Ind.	Fla.	Kans.	Nebr.	Ohio	14	2
Livestock 1/	Tex.	Iowa	Calif.	Nebr.	Wisc.	Kans.	Minn.	Mo.	Colo.	Ill.	32	1
Total 1/	Calif.	Iowa	Tex.	Ill.	Nebr.	Minn.	Kans.	Wisc.	Mo.	Ind.	23	2
Government Payments 4/	Tex.	Nebr.	Kans.	Iowa	Minn.	Calif.	S.Dak.	N.Dak.	Okla.	Colo.	8	3
Realized Income Per Farm												
Gross 4/	Ariz.	Calif	Colo.	Fla.	Hawaii	Dela.	Nebr.	N.Mex.	Idaho	Iowa	19	--
Net 4/	Ariz.	Calif.	Fla.	Hawaii	Dela.	Wash.	Ark.	Colo.	Kans.	Nev.	20	--

1/ Preliminary. 2/ Less than one-half of one percent. 3/ Farm chickens. 4/ 1979 Data. 5/ Nebraska and Oregon tied for fifth place. 6/ North Dakota and Tennessee are tied for fifteenth place.

RANK OF NORTH DAKOTA'S COUNTIES 1/

County	All Wheat	Spring Wheat	Durum Wheat	Sun-flower	Barley	All Hay	All Cattle	Milk Cows	All Hogs	All Sheep
Adams	48	48	37	40	51	49	26	40	32	12
Barnes	14	7	23	3	5	18	25	18	3	22
Benson	17	38	8	12	17	10	30	22	24	36
Billings	53	53	52	51	52	51	35	49	53	53
Bottineau	5	28	2	20	10	24	40	35	41	19
Bowman	43	46	36	47	40	37	20	46	43	1
Burke	20	16	15	37	30	36	46	38	52	29
Burleigh	41	34	44	38	46	4	5	14	6	18
Cass	1	1	18	1	1	30	34	32	2	4
Cavalier	2	4	4	23	2	38	47	47	23	50
Dickey	29	17	28	7	20	6	10	11	5	7
Divide	11	43	1	32	41	39	45	50	37	43
Dunn	47	40	51	53	48	33	2	20	31	33
Eddy	32	26	22	17	29	15	38	39	47	11
Emmons	45	37	47	42	50	27	9	2	12	47
Foster	31	23	26	18	33	32	27	45	28	23
Golden Valley	51	52	39	52	37	52	33	37	22	27
Grand Forks	16	6	29	6	4	42	43	29	18	32
Grant	39	33	48	33	39	16	6	8	7	5
Griggs	30	19	30	22	18	22	41	36	35	41
Hettinger	36	27	40	29	45	44	39	19	9	42
Kidder	46	47	33	39	35	3	3	10	25	3
LaMoure	21	11	21	5	21	19	16	7	8	8
Logan	38	36	41	35	42	13	11	5	34	37
McHenry	22	15	20	26	25	1	8	9	19	24
McIntosh	44	39	42	36	43	23	13	6	29	28
McKenzie	37	41	27	50	38	28	7	44	39	2
McLean	7	18	9	24	34	5	12	21	21	31
Mercer	42	35	43	45	49	12	18	25	33	46
Morton	40	32	50	41	31	7	1	1	10	9
Mountrail	12	42	5	34	28	11	29	28	50	21
Nelson	23	31	10	19	19	35	44	30	26	26
Oliver	50	45	53	49	32	31	21	15	16	34
Pembina	3	2	35	13	11	45	48	53	14	40
Pierce	28	30	19	28	24	21	31	13	48	38
Ramsey	10	29	7	14	12	41	50	48	42	44
Ransom	33	22	34	10	15	9	24	26	11	10
Renville	24	20	17	27	23	50	49	33	51	49
Richland	6	3	25	4	9	14	17	16	1	39
Rolette	27	51	11	30	14	25	37	43	38	30
Sargent	25	13	24	9	13	8	15	17	4	20
Sheridan	34	24	31	31	27	20	23	23	40	51
Sioux	52	50	49	48	53	48	36	27	44	52
Slope	49	44	46	46	47	53	28	41	27	25
Stark	35	25	45	43	44	34	14	3	13	16
Steele	26	12	38	15	6	47	53	52	49	17
Stutsman	9	9	14	2	26	2	4	4	15	6
Towner	19	49	6	25	8	43	52	51	46	35
Traill	15	5	32	11	3	46	51	34	20	45
Walsh	8	8	16	21	7	40	42	31	17	48
Ward	4	21	3	16	22	17	19	12	30	14
Wells	18	10	13	8	16	29	32	24	36	15
Williams	13	14	12	44	36	26	22	42	45	13

1/ Crop rankings based on preliminary estimates of 1980 production. Cattle, milk cows and sheep were based on January 1, 1981 inventory, hogs on December 1, 1980 inventory.

NORTH DAKOTA FARM INCOME

Cash Receipts for 1980, Preliminary

Based on preliminary data, cash receipts from farm marketings totaled $2,318 million in 1980, down 2 percent from the 1979 figure but 23 percent above 1978 marketings, according to the North Dakota Crop and Livestock Reporting Service. Cash receipts from crops totaled $1,656 million, 71 percent of the total, while cash receipts from livestock and products, at $662 million, made up the remaining 29 percent. Cash receipts for crops and livestock were down 1 and 4 percent from respective 1979 totals. Government payments added $117 million (up from $47 million in 1979), bringing the total cash receipts from farming to $2,435 million in 1980.

Higher prices for virtually all crops almost offset the decrease in crop production which resulted from adverse weather conditions in 1980. Crop prices averaged 21 percent higher in 1980 than in 1979 but livestock prices averaged 8 percent below 1979 levels, with only turkeys, milk, milk cows, and wool showing price increases.

Cash Receipts for 1979, Revised

Revised cash receipts from marketings of farm products in 1979 were estimated at $2,362 million, up 25 percent from 1978, and 46 percent higher than the 1977 total. Cash receipts from crops brought in $1,673 million, up 23 percent from 1978, and 46 percent from 1977, while cash receipts from livestock totaled $689 million, up 31 percent from 1978, and 46 percent from 1977. Receipts from crops accounted for 69 percent fo the total, with livestock accounting for 29 percent. Government payments of $47 million, made up the remaining 2 percent of the total.

Wheat remained the largest source of cash receipts for North Dakota farmers, bringing in $934 million in 1979, 39 percent of the total. Cattle and calves continued as the second largest source, totaling $525 million or 22 percent of the total. Sunflower was third with 13 percent of total cash receipts.

Income Per Farm

Realized gross income per farm averaged a record high $64,427 in 1979, a 13 percent jump from 1978. Realized net income, excluding changes in inventory, declined 2 percent from 1978 to $413 million, an average of $10,185 per farm, but was still 47 percent above the low 1977 average. Realized net income per farm is the primary measure of change in the farmer's income position.

Total net income per farm slid to an average $12,170 per farm, down 23 percent from 1978, but was more than three times the 1977 average of $3,728. Total net income includes changes in inventory value.

Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1977-79 and 1980 Preliminary 1/

Item	1977 2/	1978 2/	1979	Percent Total 1979 3/	1980 Preliminary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS					
Corn	19,378	23,554	24,914	1.0	
Wheat	637,925	759,423	933,883	38.8	
Oats	17,505	17,733	11,218	.5	
Barley	118,002	131,326	130,066	5.4	Breakdown not Available
Rye	3,885	8,215	7,990	.3	
Flaxseed	31,939	24,666	32,974	1.4	
Sunflower	123,043	192,243	316,649	13.2	
Potatoes	54,986	51,982	53,793	2.2	
Hay	14,281	17,516	23,939	1.0	
Soybeans	15,842	20,560	31,508	1.3	
Sugarbeets	54,782	65,356	56,448	2.3	
Dry Field Beans	13,296	16,044	22,831	1.0	
Alfalfa Seed	266	337	212	---	
Other Products 4/	43,127	25,850	26,325	1.1	
TOTAL CROPS	1,148,257	1,354,805	1,672,750	69.5	1,656,280
LIVESTOCK & PRODUCTS					
Cattle & Calves	336,257	372,403	525,235	21.8	
Hogs	33,614	40.950	39,583	1.7	
Sheep & Lambs	6,561	7,527	5,337	.2	Breakdown not Available
Turkeys	4,944	6,669	7,018	.3	
Chickens	64	46	43	---	
Eggs	2,798	2,409	2,501	.1	
Milk, Wholesale	75,680	80,220	89,650	3.7	
Milk Retail	600	856	967	---	
Milkfat in Cream	807	524	431	---	
Honey & Beeswax	6,306	9,793	12,234	.5	
Wool	1,224	1,236	1,369	.1	
Other Products 5/	3,705	4,904	4,904	.2	
TOTAL LIVESTOCK & PRODUCTS	472,560	527,537	689,272	28.6	661,878
Total Crops & Livestock	1,620,817	1,882,342	2,362,022	98.1	2,318,158
Government Payments	122,603	278,179	46,519	1.9	116,634
GRAND TOTAL	1,743,420	2,160,521	2,408,541	100.0	2,434,792

1/ Source: Economic Indicators of the Farm Sector, Income & Balance Sheet Bulletin #650 and Supplement. 2/ Revised 3/ Items may not add due to rounding. 4/ Miscellaneous vegetables, miscellaneous fruits and nuts, red clover, wheat grass, other seeds, other field crops and greenhouse products. 5/ Horses, other poultry, turkey eggs, etc.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1980 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	80,151	12.1	119,864	7.3	200,015	8.6
February	60,879	9.2	119,419	7.2	180,298	7.8
March	42,949	6.5	131,458	7.9	174,407	7.5
April	88,479	13.4	127,504	7.7	215,983	9.3
May	35,287	5.3	121,391	7.3	156,678	6.8
June	50,302	7.6	128,304	7.8	178,606	7.7
July	28,634	4.3	106,199	6.4	134,833	5.8
August	33,866	5.1	91,484	5.5	125,350	5.4
September	32,228	4.9	120,867	7.3	153,095	6.6
October	64,943	9.8	209,146	12.6	274,089	11.8
November	68,215	10.3	214,794	13.0	283,009	12.2
December	75,945	11.5	165,850	10.0	241,795	10.5
Year	661,878	100.0	1,656,280	100.0	2,318,158	100.0

1/ Preliminary. Source: Economic Indicators #650.

Cash Receipts from Government Payments
North Dakota, 1977-1980

Item	1977	1978	1979	1980
	--- Thousand Dollars ---			
Conservation 1/	5,297	5,373	3,326	4,312
Sugar Act	1,218	2/	2/	2/
Feed Grain Program	5,293	75,827	7,729	19,200
Wheat Program	101,617	161,885	8,227	74,582
Drought & Flood Conservation Program	5,251	876	2/	2/
Miscellaneous 3/	3,927	34,218	27,237	18,540
TOTAL	122,603	278,179	46,519	116,634

1/ Includes amount paid under other similar programs not listed separately. 2/ Included in miscellaneous. 3/ Includes Sugar Act, Wool, Milk Indemnity Program, Bee Keepers Indemnity Program, Emergency Food Program & other miscellaneous programs.

Income per Farm, North Dakota, 1967-79

Year	Realized Gross Income per Farm 1/	Realized Net Income per Farm 2/	Total Net Income per Farm 3/
	--- Dollars ---		
1967	18,623	5,239	5,020
1968	19,034	4,387	4,412
1969	21,217	5,805	6,935
1970	22,174	6,705	5,380
1971	23,272	6,027	8,014
1972	32,136	13,503	13,626
1973	54,188	28,008	34,461
1974	59,594	29,207	23,973
1975	46,545	11,203	16,966
1976	43,793	6,518	7,637
1977	46,376	6,829	3,278
1978	57,018	10,344	15,771
1979 4/	64,427	10,185	12,170

1/ Excludes changes in inventories. 2/ Excludes changes in inventories. 3/ Includes changes in inventories. 4/ Preliminary. Source: Economic Indicator #650.

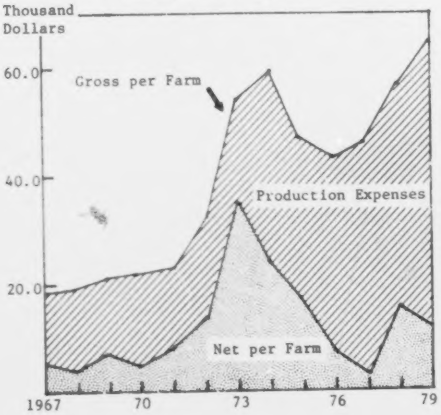
Farm Production Expenses
North Dakota, 1977-79

Item	1977	1978	1979
	--- Million Dollars ---		
Feed	53.1	52.9	71.4
Livestock	21.9	24.4	31.7
Seed	75.9	69.2	79.4
Fertilizer & Lime	136.8	148.9	162.4
Repair & Operation of Capitol Items	314.3	356.1	439.2
Miscellaneous	270.0	331.5	428.8
Hired Labor	70.9	81.5	89.0
Total Current Farm Operating Expenses	943.0	1064.6	1301.9
Depreciation & Other Consumption of Farm Capital	383.5	456.6	506.8
Taxes on Farm Property	70.7	78.3	81.9
Interest on Farm Mortgage Debt.	69.8	81.8	104.5
Net Rent to Non-Farm Landlords	154.4	232.4	201.7
Total Production Expenses	1621.4	1913.6	2196.8

Value of Home Consumption
North Dakota, 1977-79

Item	1977	1978	1979
	--- Thousand Dollars ---		
Cattle & Calves	7,823	13,229	12,629
Hogs	2,015	2,981	3,068
Sheep & Lambs	163	129	143
Dairy	1,355	1,421	1,644
Poultry	54	47	44
Eggs	308	283	317
ALL LIVESTOCK & PRODUCTS	11,718	18,090	17,845
Vegetables	2,267	2,154	2,154
Fruit & Berries	35	37	37
Other Products	81	81	81
ALL CROPS	2,383	2,272	2,272
TOTAL ABOVE	14,101	20,362	20,117

INCOME PER FARM
North Dakota, 1967-79



Total Cash Receipts and Total Income
North Dakota, 1977-79

Item	1977	1978	1979
	--- Million Dollars ---		
Cash Receipts from Farm Marketings	1,620.8	1,882.3	2,362.0
Government Payments	122.6	278.2	46.5
Non-Money Income	130.2	146.9	162.8
Other Farm Income	27.8	30.3	37.9
Total Realized Gross Farm Income	1,901.4	2,337.7	2,609.3
Farm Production Expense	1,621.4	1,913.6	2,196.8
Realized Net Farm Income	280.0	424.1	412.5
Net Change in Farm Inventories	-145.6	222.5	80.4
Total Net Farm Income	134.4	646.6	492.9

FARM REAL ESTATE

NUMBER OF FARMS, AVERAGE SIZE,
AND ALL LAND IN FARMS,
North Dakota, 1966-81

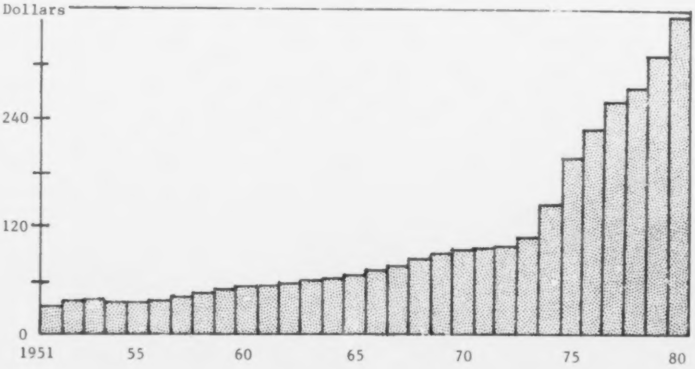
Year	Number of Farms	Average Size of Farms	All Land in Farms
	- Number -	- Acres -	-000 Acres-
1966	49,000	857	42,000
1967	48,000	873	41,900
1968	47,000	891	41,900
1969	46,000	911	41,900
1970	45,500	921	41,900
1971	45,000	929	41,800
1972	44,000	950	41,800
1973	43,500	961	41,800
1974	43,000	970	41,700
1975	42,000	1,007	42,300
1976	41,500	1,012	42,000
1977	41,000	1,020	41,800
1978	41,000	1,017	41,700
1979	40,500	1,030	41,700
1980	40,000	1,043	41,700
1981 1/	40,000	1,043	41,700

1/ Preliminary.

FARM REAL ESTATE VALUE
North Dakota, 1974-81

Year	Total Value	Value Per Acre	
		Dollars	Index
	-Mil. Dols.-	-Dols.-	1977=100
1974	6,005	144	55
1975	8,249	195	76
1976	9,912	236	89
1977	11,495	275	100
1978	12,552	301	106
1979	14,512	348	118
1980	16,680	400	136
1981	17,681	424	144

FARM REAL ESTATE - VALUE PER ACRE
North Dakota, 1951-80



GROSS RENTS PER ACRE AND RATIO TO VALUE
North Dakota, 1974-81

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1974	13.40	9.0	17.40	8.9	6.20	6.3
1975	15.10	7.5	20.30	8.1	7.10	5.7
1976	19.90	7.3	25.00	7.7	7.20	5.5
1977	20.10	6.7	25.20	7.0	7.60	5.0
1978	19.70	6.5	24.70	6.6	7.40	4.8
1979	22.40	6.2	27.80	6.4	7.80	4.4
1980	24.10	6.0	30.40	6.4	8.70	4.6
1981	25.50	5.9	31.60	6.1	9.10	4.3

Source: Farm Real Estate Market Developments
ESCS - Economics

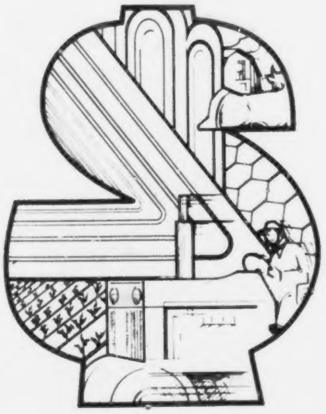
RENT PER ACRE BY DISTRICT, NORTH DAKOTA
1980-81

District	Rented For Cash					
	Farms		Cropland		Pasture	
	1980	1981	1980	1981	1980	1981
	- - - Dollars - - -					
Northwest	20.50	20.00	25.00	24.50	6.50	8.00
North Central	23.50	25.50	28.50	30.50	9.50	10.00
Northeast	33.50	38.00	38.00	41.00	8.00	9.50
West Central	15.50	17.50	21.50	22.50	8.50	8.00
Central	24.00	25.50	29.50	31.00	9.00	10.00
East Central	43.50	43.50	48.00	47.50	11.00	14.50
Southwest	16.00	16.00	20.50	20.00	8.00	8.00
South Central	15.50	14.50	19.50	20.50	8.50	9.00
Southeast	29.00	32.50	35.00	37.00	13.50	13.00
STATE	24.10	25.50	30.40	31.60	8.70	9.10

FARM REAL ESTATE DEBT: Total of Outstanding Loans and Amounts Held by Principal Lending Groups, North Dakota, January 1, 1974-80

Year	Federal Land Bank	Farmers' Home Admin.	Life Insurance Companies	Banks	Individual & Others	Total
			- - - - Thousand Dollars - - - -			
1974	213,916	163,521	22,100	62,800	255,937	718,274
1975	247,316	169,325	20,700	59,785	252,880	750,006
1976	295,751	175,166	21,300	64,717	251,710	808,644
1977	381,916	179,896	23,700	71,589	261,753	918,854
1978	493,671	185,574	40,144	67,730	266,401	1,053,520
1979	574,823	182,480	60,100	89,951	273,553	1,180,907
1980	716,781	244,064	60,405	93,151	304,616	1,419,017

Source: Agricultural Finance Statistics, ESS - Economics.



FARM TITLE TRANSFERS
Estimated Number per 1,000 Farms by Method of Transfer, North Dakota, Years Ending February 1, 1976-80

Method	1976	1977	1978	1979	1980
		--- Number per Thousand ---			
Voluntary Sales and Trades	20.2	15.1	13.1	17.2	19.2
Estate Settlements	5.3	6.6	5.4	3.9	5.0
Forced Sales Foreclosures	1.0	1.4	1.8	1.2	1.2
All Other Sales	5.3	8.2	6.8	5.2	4.1
TOTAL, ALL CLASSES	31.9	31.3	27.0	27.5	29.5

Source: Farm Real Estate Market Developments, August, 1980.

TAXES LEVIED ON FARM REAL ESTATE
North Dakota, 1973-79

Year	Total	Per Acre	Per $100 Full Value	% of Farm Income	
				Net	Gross
	(Mil. $)	($)	($)	(%)	(%)
1973	51.5	1.27	1.12	2.8	2.0
1974	53.1	1.32	.87	3.6	2.1
1975	60.3	1.50	.74	5.8	3.1
1976	63.5	1.58	.67	11.3	3.5
1977	70.1	1.74	.77	19.5	3.7
1978	71.7	1.78	.63	7.5	3.1
1979	74.3	1.85	.58	9.6	2.9

Source: Farm Real Estate Taxes, ESS-Economics.

NON-REAL ESTATE LOANS TO FARMERS
Amount Outstanding January 1, by Selected Lending Agencies, North Dakota, 1974-80

Year	All Operating Banks	Farmers' Home Admin.	Prod. Credit Assn.	Federal Intermediate Credit Banks	Total
		- - - - - - - Thousand Dollars - - - - - - -			
1974	339,292	37,570	159,986	7,832	544,680
1975	411,514	37,476	195,100	10,356	654,446
1976	523,386	55,604	245,300	12,182	836,472
1977	586,652	66,032	294,268	11,215	958,167
1978	576,374	150,413	304,584	10,236	1,041,607
1979	647,346	290,350	347,576	12,635	1,297,907
1980	790,060	343,120	530,779	18,370	1,682,329

Source: Agricultural Finance Statistics, ESS=Economics.

NORTH DAKOTA WEATHER DATA

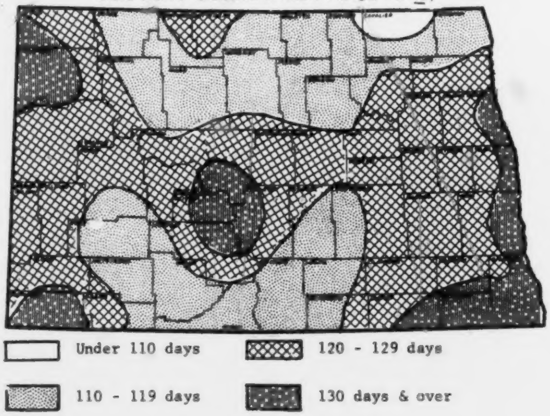
PRECIPITATION, MEAN TEMPERATURE AND DEPARTURES,
NORTH DAKOTA, APRIL-SEPTEMBER 1980

Month	Precipitation	Departure	Mean Temperature	Departure
	(Inches)	(Inches)	(Degrees F)	(Degrees F)
April	.35	-1.12	48.6	+ 7.2
May	.72	-1.63	60.3	+ 6.9
June	2.88	- .84	65.0	+ 2.3
July	1.85	- .73	71.0	+ 1.7
August	4.66	+2.36	64.2	- 3.8
September	2.02	+ .32	56.1	- 0.5

DAYS MAXIMUM TEMPERATURES REACHED 90° OR MORE
AT MAIN NORTH DAKOTA WEATHER STATIONS
JUNE 1 THROUGH AUGUST 31

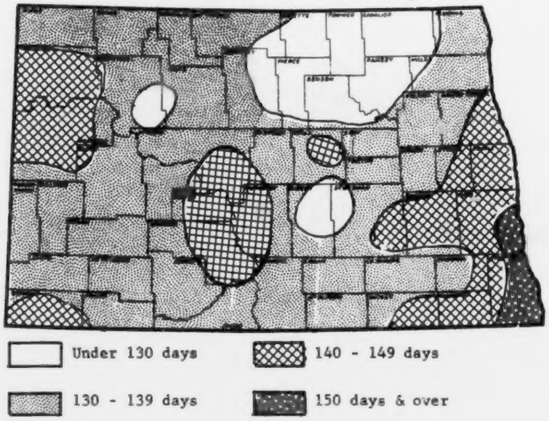
Station	1977	1978	1979	1980
	- - - - Number of Days - - - -			
Fargo	8	8	8	10
Bismarck	9	12	14	16
Williston	9	12	12	26
Dickinson	8	9	10	19

LONG-TERM AVERAGE NUMBER OF DAYS IN GROWING SEASON ABOVE 32° F 1/

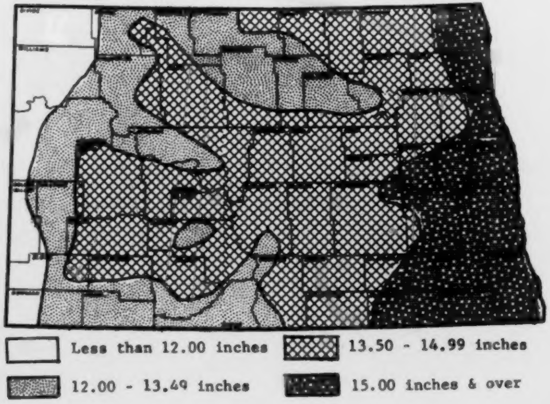


1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.

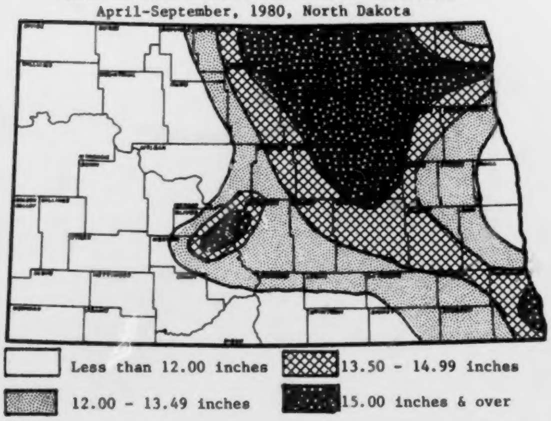
LONG TERM AVERAGE NUMBER OF DAYS IN GROWING SEASON ABOVE 28° F 1/



AVERAGE GROWING SEASON PRECIPITATION (Inches), April-September, 1941-70, North Dakota



ANNUAL GROWING SEASON PRECIPITATION (Inches), April-September, 1980, North Dakota



June 1981

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA 1980 1/

(Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	6.3	12.7	24.4	49.6	61.4	65.8	71.1	63.5	57.1	44.4	31.2	13.0	41.7
Foxholm	6.0	11.6	20.0	47.9	61.0	65.1	70.4	61.7	M	42.7	31.9	12.8	40.5
Grenora	7.4	14.7	24.7	48.5	60.2	64.7	69.8	62.0	55.1	M	M	13.4	41.3
Kenmare	5.2	9.9	19.2	45.8	59.3	63.1	68.8	61.3	53.6	40.7	31.8	11.6	39.2
Minot (Exp. Station)	4.9	11.1	19.6	48.7	60.7	64.4	70.7	62.7	55.3	42.5	32.2	13.4	40.5
Mohall	2.6	7.1	15.5	45.4	58.0	63.0	68.6	60.4	54.5	40.6	30.4	10.2	38.0
New Town	7.3	14.3	23.6	48.6	57.3	65.6	71.3	64.5	57.5	45.7	34.7	16.0	42.2
Powers Lake	3.6	9.8	18.5	46.3	57.7	61.6	66.7	60.5	53.8	41.3	30.7	11.0	38.5
Tioga	3.4	9.3	18.0	47.0	58.6	62.1	67.5	61.1	53.8	42.2	30.2	11.9	38.8
Williston (WSO AP)	7.7	14.9	25.6	49.7	60.6	67.1	73.2	65.7	58.1	46.6	33.2	16.2	43.2
NORTHWEST DISTRICT (1)	5.6	11.7	21.0	48.0	59.8	64.3	69.8	62.3	55.2	42.8	31.9	12.8	40.4
Bottineau	.7	7.0	14.1	47.7	60.4	62.8	68.0	61.6	53.4	41.1	30.2	9.5	38.0
Drake	4.5	9.9	19.8	48.0	61.2	63.8	71.2	63.1	55.1	42.8	33.3	13.4	40.5
Granville	4.9	10.1	19.5	47.3	59.6	63.1	67.7	59.5	53.5	43.7	34.4	13.4	39.7
Leeds	2.6	7.8	15.1	46.6	58.8	62.0	68.2	61.2	53.5	41.9	32.0	11.9	38.5
Rolla	3.5	8.2	16.4	46.5	59.4	60.7	66.0	59.3	50.9	39.1	30.2	8.5	37.4
Rugby	6.0	12.3	21.1	51.3	62.8	60.7	72.3	64.7	55.1	42.5	31.6	12.7	41.6
Upham	M	6.8	15.0	45.7	58.9	63.6	69.1	61.7	53.9	41.0	31.6	11.5	38.5
Westhope	2.4	7.9	18.0	49.1	60.7	64.4	69.0	62.5	56.2	42.5	32.6	11.3	39.7
Willow City	.3	6.0	14.1	46.9	59.5	63.2	68.4	61.9	53.2	41.0	31.3	10.1	38.0
NORTH CENTRAL DISTRICT (2)	3.2	8.6	17.5	47.7	60.1	63.6	69.2	61.9	54.0	41.7	32.0	11.6	39.3
Cavalier	1.9	6.5	16.8	47.3	60.6	62.8	68.0	61.8	52.6	40.8	32.2	9.0	38.4
Devils Lake	3.7	9.7	17.1	47.6	61.4	64.3	69.9	63.8	55.5	M	33.7	10.9	39.9
Edmore	1.5	6.5	16.7	47.5	57.8	62.8	67.4	60.8	53.5	40.0	30.4	10.3	37.9
Grafton	6.1	9.7	21.9	50.9	63.0	66.9	72.4	65.4	56.5	43.6	33.2	10.9	41.7
Grand Forks (FAA AP)	6.3	9.6	20.8	49.5	61.5	65.0	71.1	64.6	55.7	43.0	32.8	13.0	41.1
Hannah	.5	5.7	14.0	46.2	58.7	62.4	66.5	60.3	53.3	40.1	29.4	7.3	37.0
Langdon	.7	6.2	16.5	47.6	59.1	62.0	67.0	61.3	53.5	40.1	30.2	8.6	37.7
Larimore	5.8	9.8	19.7	M	61.1	64.7	71.1	63.7	54.8	43.6	M	13.3	40.6
Park River	5.9	10.9	21.4	51.0	62.9	66.0	71.9	65.0	56.3	43.4	34.5	13.3	41.9
Petersburg	1.8	5.4	15.5	46.7	58.6	61.9	67.2	60.5	51.6	39.7	28.3	8.5	37.1
NORTHEAST DISTRICT (3)	2.9	7.7	17.5	48.0	60.3	63.7	69.1	62.6	54.1	41.4	31.4	10.5	39.1
Beulah	6.3	15.3	23.2	47.7	58.8	64.7	72.1	63.3	55.5	43.8	34.9	16.4	41.8
Butte	M	13.0	23.3	49.5	62.3	66.8	73.5	65.3	57.1	43.4	33.9	15.3	42.6
Center	8.3	15.0	24.4	48.5	59.3	65.1	71.7	64.4	57.4	43.9	36.2	17.8	42.7
Dunn Center	8.0	16.2	24.8	47.8	60.2	64.6	70.8	64.7	56.7	44.3	35.9	16.7	42.6
Garrison	7.8	11.6	19.1	47.3	58.8	62.7	69.0	M	54.2	41.3	32.1	M	40.4
Max	4.3	10.2	18.7	47.5	59.5	62.9	70.4	62.3	54.6	41.2	31.5	12.8	39.7
Underwood	7.8	13.1	23.3	49.3	60.1	64.9	72.0	63.9	56.6	43.0	34.6	15.8	42.0
Watford City (14S)	10.5	19.2	30.0	50.9	62.0	67.2	73.8	66.3	59.8	47.2	37.6	19.4	45.3
WEST CENTRAL DISTRICT (4)	7.8	14.1	23.8	48.7	60.4	65.0	71.9	64.3	56.6	43.7	34.7	16.3	42.3
Carrington	5.6	10.5	19.1	47.6	59.7	63.3	69.5	62.8	54.6	42.5	32.9	14.5	40.2
Fessenden	7.9	11.9	23.2	49.1	61.4	65.9	71.9	64.5	57.4	43.2	34.3	15.7	42.2
Jamestown (FFA AP)	7.9	12.2	22.5	49.2	60.6	65.4	71.6	64.8	57.2	43.1	35.0	16.0	42.1
McClusky	7.9	12.8	22.1	49.6	61.7	66.2	72.2	65.2	57.3	43.3	34.7	15.7	42.4
Pettibone	6.6	11.8	21.1	49.8	60.9	65.9	70.9	63.5	56.4	42.2	34.3	16.3	41.6
Sheyenne	8.4	10.9	20.7	49.0	60.3	63.5	70.0	64.4	56.3	42.4	33.0	15.8	41.2
Tuttle	5.2	10.4	18.2	47.6	59.2	63.2	69.5	61.8	55.3	41.8	33.7	15.4	40.1
CENTRAL DISTRICT (5)	6.6	11.2	20.9	48.8	60.3	64.7	70.8	63.7	55.9	42.4	33.6	15.3	41.2
Colgate	7.4	10.1	21.1	49.6	61.5	66.0	M	66.1	56.3	42.3	33.2	13.9	41.5
Cooperstown	5.1	10.1	21.5	49.5	60.9	65.4	71.2	64.9	56.0	42.5	32.8	12.2	41.0
Fargo	6.6	8.3	20.7	49.0	61.4	65.7	71.9	67.5	56.9	42.4	33.1	12.7	41.4
Hillsboro	7.0	9.1	21.4	50.5	62.5	66.5	72.3	67.7	58.0	43.5	33.4	12.8	42.1
Mayville	7.5	10.3	21.3	49.9	62.5	66.9	72.2	66.4	56.8	43.6	33.6	14.1	42.1
Sharon	3.7	8.4	19.0	49.2	59.9	63.7	69.9	63.7	55.9	41.9	30.7	11.4	39.8
Valley City	6.5	10.9	19.3	46.9	58.1	63.2	68.7	64.5	55.1	42.7	33.6	14.3	40.3
EAST CENTRAL DISTRICT (6)	6.3	9.6	20.6	49.2	61.0	65.3	71.0	65.8	56.4	42.7	32.9	13.1	41.2
Amidon	12.0	20.7	27.4	48.5	59.8	65.8	72.7	65.2	56.6	45.3	36.8	21.2	44.3
Bowman (Courthouse)	11.9	20.6	26.4	48.0	59.1	65.2	72.4	65.0	56.7	46.2	36.4	21.7	44.1
Dickinson (Exp. Station)	9.5	18.2	25.1	47.0	58.3	63.7	70.5	63.1	55.0	43.9	34.6	18.8	42.3
Fairfield	9.8	18.0	27.6	48.6	59.3	64.4	71.0	62.6	56.3	45.0	35.5	18.6	43.1
Hettinger	12.1	20.5	25.9	47.3	59.7	66.3	73.0	66.6	57.5	45.0	36.3	22.1	44.4
Mott	11.5	20.6	27.6	47.5	59.8	65.9	71.7	65.3	58.6	45.1	35.9	21.5	44.3
Richardton	10.9	19.3	27.4	50.5	61.0	66.8	72.9	65.3	58.8	45.3	36.7	20.0	44.6
Trotters	10.5	19.1	28.5	49.7	60.7	65.3	72.4	63.3	57.1	46.0	35.5	19.1	43.9
SOUTHWEST DISTRICT (7)	11.6	20.2	27.6	48.6	59.9	65.8	72.4	64.9	57.5	45.5	36.3	20.8	44.3
Almont	8.9	18.1	27.1	48.0	60.6	67.0	73.6	66.6	58.9	44.6	35.4	19.6	44.0
Bismarck	8.7	15.4	24.8	48.7	60.1	66.2	71.9	65.7	58.1	45.6	35.9	18.5	43.3
Carson	8.8	17.7	24.4	48.3	59.9	63.9	71.4	64.7	57.6	44.4	35.1	18.6	42.9
Fort Yates	13.1	20.6	27.4	51.4	62.8	68.5	74.5	69.7	60.8	48.1	39.1	22.2	46.5
New Salem	8.8	16.7	25.9	49.2	59.9	65.0	71.8	64.4	57.1	43.9	35.3	17.6	43.0
SOUTH CENTRAL DISTRICT (8)	9.6	17.1	25.7	49.2	60.5	66.2	72.5	65.7	57.8	44.6	36.0	18.9	43.7
Ashley	10.8	13.8	23.3	49.2	60.3	67.7	73.3	67.9	59.6	45.0	35.3	19.4	43.8
Ellendale	11.9	14.2	24.0	49.5	59.8	66.9	72.2	67.6	60.2	45.3	36.8	19.1	44.0
Forman	9.7	11.7	21.6	48.7	60.6	64.7	71.6	66.8	56.6	42.8	34.1	15.1	42.0
Fullerton	11.2	14.0	24.7	50.3	60.0	66.0	73.2	68.0	59.0	44.8	36.4	18.0	43.8
Hankinson	10.4	11.4	20.3	49.8	61.7	66.0	72.5	67.3	57.5	43.7	35.3	15.0	42.6
Lisbon	M	13.3	23.1	49.2	60.0	64.4	70.1	65.8	55.7	42.4	33.5	15.1	41.9
McLeod	10.1	12.1	21.9	50.3	61.7	67.4	72.8	67.3	59.4	45.4	36.0	17.7	43.5
Napoleon	6.6	12.0	21.2	47.7	59.0	65.2	72.1	65.6	57.2	43.2	34.2	16.2	41.7
Oakes	9.6	12.7	23.3	48.9	61.4	66.7	71.8	68.2	58.4	45.1	35.4	17.0	43.2
Wahpeton	10.9	11.6	22.2	50.4	62.5	66.9	72.5	68.2	59.0	44.7	35.3	17.4	43.5
Wishek	M	M	M	46.7	58.1	64.3	70.4	64.7	56.6	42.9	32.9	15.8	41.4
SOUTHEAST DISTRICT (9)	9.8	12.6	22.3	49.2	60.7	66.2	72.0	66.8	57.7	44.0	34.9	16.7	42.7
STATE	7.0	12.5	21.9	48.6	60.3	65.0	71.0	64.2	56.1	43.2	33.7	15.1	41.6

Underlined figures are less than 30-day average. M - Missing. 1/ Preliminary Data. Source: Environmental Data Service.

MONTHLY PRECIPITATION BY STATIONS AND DISTRICTS, NORTH DAKOTA 1980 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.51	.62	.21	1.41	T	2.15	1.32	3.15	1.53	.82	.52	.39	12.63
Foxholm	1.04	.72	.31	1.22	.00	2.68	1.94	3.10	M	1.84	.41	.30	15.77
Grenora	.55	.25	.19	1.05	.14	2.11	.75	3.34	2.14	M	M	.66	13.42
Kenmare	.93	.89	.31	1.81	.08	1.41	1.63	3.12	2.22	2.08	.67	.44	15.59
Minot (Exp. Station)	1.79	1.12	.44	1.20	.01	1.76	1.43	4.37	2.66	1.99	.80	.61	18.18
Newtown	.69	.60	M	1.16	.10	2.97	.31	2.69	1.97	1.21	.04	M	12.62
Powers Lake	.51	.62	.35	1.72	.06	1.55	1.58	2.72	1.74	1.72	.41	.40	13.38
Williston (WSO AP)	.58	.28	.16	.40	.15	1.80	.54	1.83	2.24	1.62	.48	.72	10.80
NORTHWEST DISTRICT (1)	.77	.59	.36	1.20	.07	2.03	1.23	3.36	2.21	1.70	.54	.52	14.58
Bottineau	1.11	.88	.64	.25	.74	3.70	2.12	7.33	4.42	1.40	.85	.27	23.71
Drake	.87	.70	.25	.30	.39	2.52	2.31	5.24	2.77	3.04	.53	.26	19.18
Granville	M	M	.68	.41	.22	2.38	2.33	4.70	3.60	2.04	.83	M	19.06
Leeds	1.44	.51	.25	.00	.72	2.03	4.19	5.65	4.13	1.65	.71	.43	21.71
Rolla	.88	.85	.17	.03	.23	2.36	2.89	7.40	5.25	1.64	.82	.36	22.88
Rugby	1.16	.53	.50	.11	.53	1.68	3.96	7.75	4.49	1.84	.66	.13	23.34
Upham	.75	.60	.37	.73	.02	3.37	1.48	5.97	3.49	1.73	.83	.54	19.88
Westhope	.82	.56	.31	.49	.23	2.76	2.10	5.15	4.24	1.19	.59	.25	18.69
Willow City	.69	.63	.24	.33	.31	4.30	2.44	8.30	3.91	1.95	.84	.52	24.46
NORTH CENTRAL DISTRICT (2)	.87	.67	.35	.37	.38	2.71	2.60	6.66	4.05	1.86	.71	.33	21.56
Devils Lake	.63	.46	.39	.00	1.17	3.10	3.69	4.03	3.26	M	.93	.37	19.61
Edmore	.72	.30	.25	.00	.83	2.18	3.00	6.56	3.21	1.79	.61	.18	19.63
Grafton	.53	.45	.92	T	.32	5.01	2.29	5.59	2.76	1.86	.53	.21	20.47
Grand Forks (FAA AP)	.90	.39	.58	T	.83	1.45	1.86	4.88	2.12	1.17	.93	.24	15.35
Hannah	M	.14	T	.00	1.37	2.76	2.56	4.90	2.85	1.10	.76	.16	17.39
Langdon	.33	.26	.15	.00	1.81	3.67	3.49	6.13	3.20	.90	.61	.09	20.62
Park River	.83	.46	.39	.38	.23	3.94	2.97	6.58	3.47	2.05	.80	.27	22.37
Pembina	.53	.19	.29	T	.52	2.32	2.30	2.85	4.36	1.91	.58	.18	16.03
Petersburg	1.60	M	.29	.00	.81	2.79	2.18	5.69	3.45	1.61	.85	.33	20.02
NORTHEAST DISTRICT (3)	.79	.42	.34	.05	.84	2.57	2.67	5.63	3.32	1.58	.75	.22	19.18
Beulah	.47	.47	.15	.74	.21	3.54	.86	2.06	2.49	3.02	.38	.40	14.79
Center	.99	.38	.45	.70	.88	4.13	2.07	5.61	1.41	3.07	.28	.62	20.59
Dunn Center	.38	.39	.31	.36	.06	3.64	.65	3.44	2.54	2.91	.45	.42	15.55
Garrison	.49	.68	.22	.45	.99	2.53	1.10	3.25	1.61	2.34	.45	M	14.55
Riverdale	.41	.42	M	.14	M	3.55	1.23	3.55	2.35	1.82	M	.41	14.89
Watford City (14S)	.32	.37	.10	.16	.27	2.00	.95	2.63	1.16	2.42	.34	.33	11.05
WEST CENTRAL DISTRICT (4)	.66	.48	.23	.44	.37	3.09	1.43	4.14	1.80	2.63	.41	.44	16.12
Carrington	.92	.49	.36	.02	1.35	4.54	2.17	5.56	2.04	2.42	.66	.20	20.73
Fessenden	1.05	.44	.36	T	1.33	6.15	2.09	7.03	2.35	2.77	.68	.43	24.68
Jamestown (FFA AP)	.80	.30	.35	T	1.65	3.36	1.91	5.73	1.50	2.11	.01	.18	17.90
McClusky	1.29	.52	.11	.12	.67	3.76	2.13	5.02	1.54	3.03	.43	.27	18.89
Pettibone	.43	.30	.35	.21	1.33	3.30	2.00	5.88	1.41	2.87	.05	.19	18.32
Sheyenne	.33	.06	.17	.00	1.48	3.30	2.96	5.14	2.46	M	.68	.02	19.31
Tuttle	.49	.48	.31	T	.77	4.46	1.52	4.47	1.60	2.91	.25	.23	17.49
CENTRAL DISTRICT (5)	.71	.41	.31	.03	1.34	4.29	2.31	5.54	2.05	2.71	.46	.22	20.38
Colgate	M	M	.42	.00	1.04	2.74	1.88	5.86	1.46	1.10	.19	.18	16.44
Cooperstown	1.11	.50	.56	.00	.58	3.11	2.15	5.22	1.31	2.03	.65	.26	17.48
Fargo	1.23	.57	.62	.02	.64	2.68	.76	4.24	2.52	1.06	.47	.30	15.11
Hillsboro	1.04	.49	.59	T	.44	2.52	1.75	6.15	.87	.78	.49	.16	15.28
Mayville	1.20	.62	.91	.00	.68	1.82	1.24	5.61	1.24	1.33	.78	.28	15.71
Sharon	1.37	.44	.47	.00	1.84	2.40	2.82	4.36	1.28	1.67	.77	.25	17.67
Valley City	.58	.26	.56	.06	.67	3.54	1.66	6.30	1.52	1.38	.23	.23	16.99
EAST CENTRAL DISTRICT (6)	1.09	.48	.59	.01	.84	2.69	1.75	5.39	1.46	1.34	.51	.24	16.39
Amidon	.22	.45	.30	.05	.07	1.76	.35	2.99	1.42	2.43	.23	.25	10.52
Bowman (Courthouse)	.28	.62	.51	.29	.39	3.24	.41	2.15	.65	2.17	.11	.23	11.05
Dickinson (Exp. Station)	.51	.22	.34	.03	.12	2.67	1.43	3.31	.76	2.41	.37	.42	12.59
Fairfield	.66	M	.24	.02	.07	6.31	.63	3.71	1.05	2.27	.30	.43	16.03
Hettinger	.06	.35	.30	.32	.20	1.45	.63	2.07	.31	2.48	.02	.03	8.22
Medora	.54	.29	.12	.00	.27	2.11	.93	2.83	1.01	2.41	.45	.32	11.28
Mott	.22	.29	.38	.23	.48	2.71	.26	1.87	.46	2.76	.09	.04	9.79
Richardton	.84	.29	.36	.76	.11	1.80	1.88	4.03	1.04	2.94	.38	.45	14.88
SOUTHWEST DISTRICT (7)	.45	.34	.31	.17	.23	2.64	.75	3.06	.84	2.62	.26	.29	11.96
Bismarck	.70	.28	.32	.43	1.08	1.67	3.16	5.03	1.11	2.31	.09	.21	16.39
Carson	.38	.09	.39	.40	.97	3.57	.88	2.80	.64	2.62	.05	.12	12.91
Fort Yates	.36	T	.06	.87	.79	1.32	1.46	2.23	1.00	2.39	T	T	10.48
Moffit	.76	.27	.23	.06	1.32	1.45	3.44	M	1.90	2.98	.00	.08	16.87
New Salem	.71	.20	.30	.62	.81	3.05	2.22	8.19	.65	2.87	.31	.26	20.19
Wilton	M	.43	.37	.20	1.05	6.82	2.87	5.66	1.30	2.84	.33	.35	22.80
SOUTH CENTRAL DISTRICT (8)	.58	.18	.27	.56	.92	2.60	2.06	4.38	1.09	2.69	.13	.17	15.63
Ashley	.69	.42	.79	.43	1.10	1.81	2.21	1.99	1.10	2.55	T	.06	13.15
Ellendale	.51	.56	.24	.51	2.09	2.29	1.68	3.24	.62	2.04	.16	.06	14.00
Forman	.88	.73	.94	.38	2.22	4.01	.85	3.43	2.10	1.17	.11	.06	16.88
Fullerton	.57	.46	.38	.94	5.04	2.16	1.23	2.74	.71	1.80	.16	.03	16.22
Hankinson	1.32	.88	.90	.15	.37	4.97	.58	2.35	4.30	1.24	.08	.17	17.31
Lisbon	M	.31	.82	.55	1.82	4.79	M	3.21	.74	1.69	.14	.21	16.96
McLeod	.97	.39	.36	.19	.72	4.61	2.93	4.14	1.08	1.44	.10	.10	17.03
Napoleon	.74	.25	.26	.06	1.67	2.47	1.41	6.91	1.05	3.10	.07	.27	18.26
Wahpeton	.48	.34	.32	.12	.61	5.25	3.06	5.09	1.97	1.40	.15	.02	18.81
Wishek	M	M	M	.18	.66	1.71	1.95	2.76	1.52	2.77	T	.19	13.53
SOUTHEAST DISTRICT (9)	.80	.46	.53	.35	1.50	3.29	1.88	3.82	1.37	1.91	.09	.10	16.10
STATE	.75	.45	.37	.35	.72	2.88	1.85	4.66	2.02	2.12	.43	.28	16.88

Underlined figures are partially estimated. 1/ Preliminary Data. M - Missing T - Trace Source: Environmental Data Service.

LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA, AT TEMPERATURES OF 28° F AND 32° F OR ABOVE

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
Northwest District								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
North Central District								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
Northeast District								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
West Central District								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 24	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
Central District								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
East Central District								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
Southwest District								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
South Central District								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
Southeast District								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

June 1981

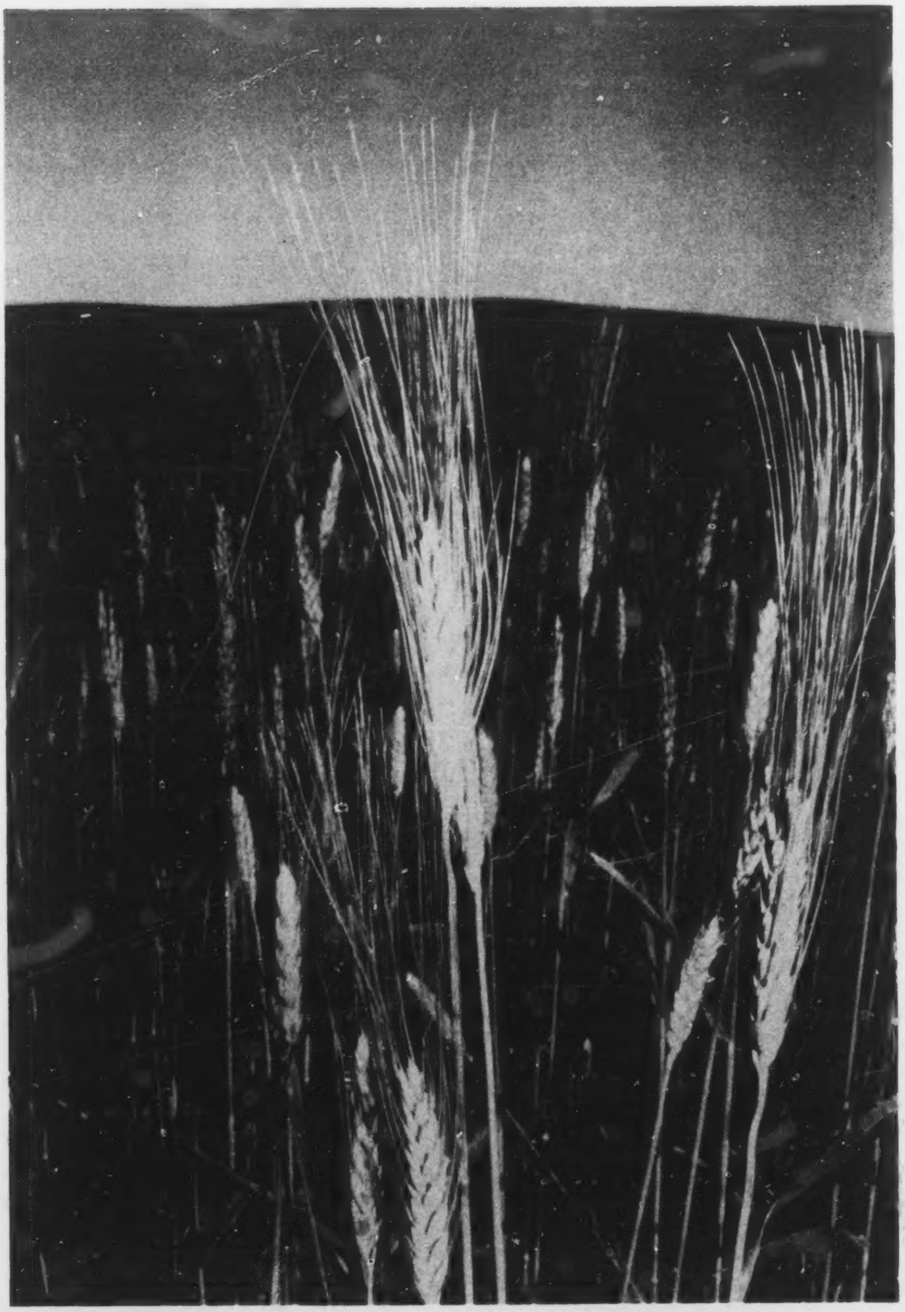
PLANTING AND HARVEST PROGRESS

PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES,
NORTH DAKOTA, 1980 AND 5-YEAR AVERAGE

Crop	1980 & 5-Yr. Avg.	Percent Planted by Specified Dates							Percent Harvested by Specified Dates										
		April			May			June	July	August			September				October		
		15	20	30	10	20	30	10	30	10	20	30	10	20	25	30	5	10	15
Wheat																			
Durum	1980	1	4	32	63	82	92	98	3	11	21	34	63	74	77	83	91	94	96
	1976-80	1	4	18	40	62	85	97	2	9	25	45	70	84	89	92	96	97	98
Other Spring	1980	4	12	45	73	85	93	98	7	28	42	57	78	86	88	91	96	98	
	1976-80	4	9	27	50	70	90	98	5	20	42	62	82	92	94	96	98	99	
Winter	1980								48	87	91	95							
	1975-80								30	73	92	98							
Oats	1980	2	8	42	67	86	92		11	41	56	72	86	92	93				
	1976-80	3	6	22	43	65	88		9	31	55	75	90	96	98				
Barley	1980	3	9	39	67	82	89	97	14	37	48	63	83	89	90				
	1976-80	2	5	23	48	69	89	98	14	39	62	79	91	96	97				
Flax	1980			9	19	31	48	71			10	20	30	38	43	48	54	63	70
	1976-80			6	16	32	55	83			6	20	40	56	63	71	76	81	86
Rye	1980								43	77	88	95							
	1976-80								35	72	92	98							
Corn	1980				19	50	67	83											
	1976-80				10	37	68	90											
Soybeans	1980				18	55	66	84					2/	3	5	13	28	58	76
	1976-80				11	41	74	94					6	17	23	31	45	64	77
Beans, Dry	1980				9	37	72	95					7	14	22	38	61	80	89
	1976-80				6	34	77	96					26	50	61	70	81	68	94
Potatoes	1980				46	71	90	98					12	24	35	49	65	84	93
	1976-80				27	57	86	97					11	32	46	58	72	87	95
Sunflower	1980				10	27	50	76							2	5	10	20	31
	1976-80				7	30	64	89							7	12	21	31	45
Sugarbeets	1980																6	35	61
	1976-80																15	28	66
															Planted				
Rye	1980 1/													72	80	86			
	1976-80													74	83	88			
Winter Wheat	1980 1/													74	85	95			
	1976-80													70	81	90			

1/ Planted fall 1980 for 1981. 2/ Less than one-half of one percent.

CROPS



NORTH DAKOTA CROP SUMMARY, 1980

The Season in Review

Field work got a very early start in 1980 with dry conditions prevailing throughout the planting season. Seeding of small grains began on a limited basis in early April with about 1 percent of the hard red spring wheat seeded by April 13. Planting of small grains progressed ahead of normal throughout April and May as scattered showers did little to improve the drought conditions. By June 1, 93 percent of the hard red spring wheat, durum wheat, and oats was seeded and 91 percent of the barley. All were ahead of average. Row crop planting was peaking by this date, also generally ahead of average.

Producers were plagued by poor emergence and grains began showing signs of heat stress in late May. The southwest was particularly hard hit by drought. Winter wheat and rye were heading out on short straw and cattle marketings were unusually large because of poor pasture conditions.

The first two weeks of June brought much needed rain to most areas along with tornadoes and hail in the southwest and northeast. The moisture was too late to avoid damage to small grain yields but helped recharge soil moisture. Dry weather again prevailed in late June and July with only the east receiving significant moisture. Most row crop planting was finishing up by mid-June with sunflower planting finishing a week later.

Combining of winter wheat and rye was in full swing by July 20 with harvest of spring grains beginning a week later. Excellent harvest weather was interrupted by cool, wet conditions throughout much of August and into September. Progress was falling behind normal by August 31. The rains improved soil moisture conditions with only the southwest short of topsoil moisture on August 31. However, the delay in harvesting led to sprout damage, particularly in durum, and caused more artificial drying than normal to be done.

Cool, damp weather continued through the last three weeks in September. A general frost helped dry down row crops but had an adverse affect on some late maturing crops. Small grain harvest was complete by October 12 except for some durum acreage in areas too wet for harvest. Sunflower harvest was also in full swing by this date.

Rain and snow on October 16 brought harvest activities to a halt. By October 26, sugarbeet, dry bean and soybean harvests were wrapping up. Sunflower, corn and flax harvests were slowed by the wet conditions and were 62, 83, and 83 percent completed, respectively, by November 2.

Good weather in November allowed farmers to catch up on harvest and other fall field work activities. Flax harvest was 97 percent complete by November 30, corn harvest 99 percent and sunflower 94 percent.

General Acreage and Production Summary

Acreage: The total planted acreage of all estimated crops in North Dakota (excluding hay and alfalfa seed) was 19.3 million acres in 1980 compared to 18.1 million in 1979. However, total harvested acreage for the same crops was 15.7 million acres compared to 17.3 million in 1979 as the drought conditions led to above normal abandonment.

Both planted and harvested acres increased from 1979 for corn, durum wheat, non-oil sunflower, and dry beans. More acres were also planted to hard red spring wheat, barley, sugarbeets, millet, and mustard, but fewer acres were harvested for each. Harvested acreage for all other crops also declined. Fewer acres were harvested for alfalfa hay, but the acreage of all other hay increased. The total hay acreage declined.

Production and Yield: Production in 1980 was less than in 1979 for every crop except dry edible beans, as the average yield per harvested acre was less for every crop. The index of all crop production for 1980 was 36 percent less than in 1979 and was the lowest since 1970. Total grain production was down 31 percent, oil crop production was down 52 percent, other crop production was up 1 percent, and hay production was down 55 percent.

NORTH DAKOTA - INDEX OF CROP PRODUCTION
1967-80 (1967 = 100)

Year	Grains			Oil Crops	Misc. 1/	Hay	All Crops
	Food	Feed	All				
1967	100	100	100	100	100	100	100
1968	118	136	124	127	116	98	120
1969	115	145	124	161	128	104	125
1970	87	110	94	144	124	116	102
1971	162	136	154	97	148	119	145
1972	120	137	125	107	137	123	124
1973	132	119	129	126	154	101	127
1974	116	69	102	88	180	114	108
1975	145	92	129	120	181	127	132
1976	158	89	137	88	188	96	132
1977	126	118	123	244	237	78	134
1978	157	133	150	328	260	152	171
1979	139	94	125	586	212	136	166
1980	98	56	86	282	215	61	106

1/ Non-oil sunflower, potatoes, sugar beets, dry edible beans, alfalfa seed.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		UNIT	Production	
	1979	1980	1979	1980	1979	1980		1979	1980
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, Grain	---	---	313	290	76.0	58.0	Bu.	23,788	16,820
Silage	---	---	252	326	6.7	4.3	Tons	1,688	1,402
Forage	---	---	15	39	---	---	---	---	---
All	590	700	580	655	---	---	---	---	---
Wheat, Durum	3,330	4,400	3,250	3,850	26.0	19.0	Bu.	84,500	73,150
Spring 1/	6,400	7,200	6,230	5,700	26.5	18.5	Bu.	165,095	105,450
Winter	170	135	120	70	22.0	15.0	Bu.	2,640	1,050
All	9,900	11,735	9,600	9,620	26.3	18.7	Bu.	252,235	179,650
Oats	1,050	1,050	840	450	44.0	30.0	Bu.	36,960	13,500
Barley	1,700	1,850	1,650	1,500	46.0	32.0	Bu.	75,900	48,000
Rye	170	100	150	70	28.0	21.0	Bu.	4,200	1,470
Flaxseed	480	380	460	310	13.0	10.0	Bu.	5,980	3,100
Soybeans	210	210	206	200	27.0	17.5	Bu.	5,562	3,500
Beans, Dry Edible	110	265	105	255	13.5	10.5	Cwt.	1,418	2,678
Sunflower, Oil	3,300	2,270	3,220	2,090	1360.0	980.0	Lbs.	4,379,200	2,048,200
Non-Oil	160	230	158	210	1300.0	930.0	Lbs.	205,400	195,300
All	3,460	2,500	3,378	2,300	1357.0	975.0	Lbs.	4,584,600	2,243,500
Millet for Grain	80	160	65	50	32.0	28.0	Bu.	2,080	1,400
Mustard	45	50	43	41	700.0	650.0	Lbs.	30,100	26,650
Sugarbeets	145.3	147.6	143.1	142.7	16.1	14.1	Tons	2,304	2,017
Potatoes, Fall	121	114	114	112	160	140	Cwt.	18,240	15,680
Alfalfa Seed	---	---	6	4	45.0	40.0	Lbs.	270	160
Hay, Alfalfa	---	---	2,000	1,220	1.85	.95	Tons	3,700	1,159
All Other	---	---	1,500	1,600	1.30	.85	Tons	1,950	1,360
All	---	---	3,500	2,820	1.61	.89	Tons	5,650	2,519

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield per Hectare Metric Tons		Production Metric Tons	
	1979	1980	1979	1980	1979	1980	1979	1980
Corn, Grain	---	---	126,670	117,360	4.77	3.64	604,250	427,250
Silage	---	---	101,980	131,930	15.02	9.64	1,531,340	1,271,890
Forage	---	---	6,070	15,780	---	---	---	---
All	238,770	283,280	234,720	265,070	---	---	---	---
Wheat, Durum	1,347,620	1,780,640	1,315,240	1,558,060	1.75	1.28	2,299,710	1,990,840
Spring 1/	2,590,020	2,913,770	2,521,220	2,306,730	1.78	1.24	4,493,150	2,869,910
Winter	68,800	54,630	48,560	28,330	1.48	1.01	71,850	28,580
All	4,006,430	4,749,040	3,885,020	3,893,120	1.77	1.26	6,864,710	4,889,330
Oats	424,920	424,920	339,940	182,110	1.58	1.08	536,470	195,950
Barley	687,970	748,680	667,740	607,040	2.47	1.72	1,652,530	1,045,090
Rye	68,800	40,470	60,700	28,330	1.76	1.32	106,690	37,340
Flaxseed	194,250	153,780	186,160	125,450	.82	.63	151,900	78,740
Soybeans	84,980	84,980	83,370	80,940	1.82	1.18	151,370	95,250
Beans, Dry Edible	44,520	107,240	42,490	103,200	1.51	1.18	64,320	121,470
Sunflower, Oil	1,335,480	918,650	1,303,100	845,800	1.52	1.10	1,986,390	929,060
Non-Oil	64,750	93,080	63,940	84,990	1.46	1.04	93,170	88,590
All	1,400,230	1,011,730	1,367,040	930,790	1.52	1.09	2,079,560	1,017,650
Millet for Grain	32,380	64,750	26,300	20,230	1.76	1.54	46,230	31,120
Mustard	18,210	20,230	17,400	16,590	0.78	0.73	13,650	12,090
Sugarbeets	58,800	59,730	57,910	57,750	36.09	31.69	2,090,150	1,829,810
Potatoes, Fall	48,970	46,130	46,130	45,330	17.94	15.69	827,350	711,240
Alfalfa Seed	---	---	2,430	1,620	0.05	0.05	120	73
Hay, Alfalfa	---	---	809,380	493,720	4.15	2.13	3,356,620	1,051,440
All Other	---	---	607,030	647,500	2.91	1.91	1,769,030	1,233,780
All	---	---	1,416,410	1,141,220	3.62	2.00	5,125,650	2,285,220

1/ Spring Wheat other than Durum.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA 1971-80

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
		ALL WHEAT		
1971	9,426	9,179	31.8	291,574
1972	7,627	7,507	28.9	216,818
1973	8,940	8,773	27.5	241,586
1974	10,500	10,316	20.4	210,752
1975	10,627	10,213	25.9	264,392
1976	11,930	11,655	24.7	287,830
1977	9,960	9,254	24.8	229,907
1978	9,760	9,585	29.8	286,065
1979	9,900	9,600	26.3	252,235
1980	11,735	9,620	18.7	179,650
		OTHER SPRING WHEAT		
1971	6,762	6,594	31.5	207,711
1972	5,221	5,143	29.0	149,147
1973	6,270	6,170	27.5	169,675
1974	6,770	6,660	20.5	136,530
1975	6,400	6,130	22.5	156,315
1976	8,080	7,900	24.5	193,550
1977	7,200	6,680	25.0	167,000
1978	6,300	6,210	29.0	180,090
1979	6,400	6,230	26.5	165,095
1980	7,200	5,700	18.5	105,450
		DURUM WHEAT		
1971	2,592	2,525	32.5	82,063
1972	2,333	2,298	28.5	65,493
1973	2,590	2,530	27.5	69,575
1974	3,600	3,540	20.0	70,800
1975	4,080	3,960	26.5	104,940
1976	3,710	3,620	25.0	90,500
1977	2,600	2,470	24.5	60,515
1978	3,300	3,240	31.5	102,060
1979	3,330	3,250	26.0	84,500
1980	4,400	3,850	19.0	73,150
		WINTER WHEAT		
1971	72	60	30.0	1,800
1972	73	66	33.0	2,178
1973	80	73	32.0	2,336
1974	130	116	29.5	3,422
1975	147	123	25.5	3,137
1976	140	135	28.0	3,780
1977	160	104	23.0	2,392
1978	160	135	29.0	3,915
1979	170	120	22.0	2,640
1980	135	70	15.0	1,050
		OATS		
1971	2,209	2,066	55.0	113,630
1972	2,230	2,070	51.0	105,570
1973	2,120	1,800	41.0	73,800
1974	1,670	1,400	31.5	44,100
1975	1,500	1,370	41.0	56,170
1976	1,320	1,180	38.0	44,840
1977	1,900	1,500	40.0	60,000
1978	1,320	1,160	54.0	62,640
1979	1,050	840	44.0	36,960
1980	1,050	450	30.0	13,500
		BARLEY		
1971	2,284	2,218	45.0	99,810
1972	2,695	2,617	40.0	104,680
1973	2,860	2,770	37.0	102,490
1974	2,110	2,010	28.0	56,280
1975	2,220	2,100	38.0	79,800
1976	2,200	2,140	38.0	81,320
1977	2,690	2,530	39.0	98,670
1978	2,500	2,450	46.0	112,700
1979	1,700	1,650	46.0	75,900
1980	1,850	1,500	32.0	48,000

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
		RYE		
1971	318	300	32.5	9,750
1972	158	142	32.5	4,615
1973	116	103	29.5	3,039
1974	116	106	25.0	2,650
1975	135	119	25.0	2,975
1976	120	111	25.5	2,831
1977	110	80	26.0	2,080
1978	200	180	30.0	5,400
1979	170	150	28.0	4,200
1980	100	70	21.0	1,470
		FLAXSEED		
1971	895	861	10.5	9,041
1972	625	610	12.0	7,320
1973	977	947	8.0	7,576
1974	886	836	8.0	6,688
1975	815	770	10.0	7,700
1976	495	470	8.0	3,760
1977	750	700	10.0	7,000
1978	360	350	11.5	4,025
1979	480	460	13.0	5,980
1980	380	310	10.0	3,100
		SUGARBEETS		
	(000)	(000)	(Tons)	(000 Tons)
1971	76.6	73.7	16.3	1,204
1972	75.6	73.9	13.6	1,008
1973	80.1	79.3	16.2	1,284
1974	143.2	139.9	11.2	1,562
1975	139.6	130.9	13.9	1,820
1976	153.2	149.8	13.5	2,022
1977	157.8	155.2	17.8	2,769
1978	156.2	155.2	19.7	3,054
1979	145.3	143.1	16.1	2,304
1980	147.6	142.7	14.1	2,017
		POTATOES		
	(000)	(000)	(Cwt.)	(000 Cwt.)
1971	140	129	155	19,995
1972	122	120	145	17,400
1973	133	132	145	19,140
1974	139	135	170	22,950
1975	116	110	160	17,600
1976	126	123	140	17,220
1977	142	140	160	22,400
1978	137	135	175	23,625
1979	121	114	160	18,240
1980	114	112	140	15,680
		SOYBEANS		
	(000)	(000)	(Bu.)	(000 Bu.)
1971	211	208	14.0	2,912
1972	200	190	20.5	3,895
1973	220	218	23.5	5,123
1974	168	165	16.5	2,723
1975	180	149	19.5	2,906
1976	150	147	12.5	1,838
1977	180	175	20.0	3,500
1978	175	173	27.5	4,758
1979	210	206	27.0	5,562
1980	210	200	17.5	3,500
		DRY EDIBLE BEANS		
	(000)	(000)	(Cwt.)	(000 Cwt.)
1971	35	33	13.0	429
1972	84	78	12.0	936
1973	102	100	10.5	1,050
1974	134	102	6.5	663
1975	127	122	9.7	1,183
1976	144	139	8.0	1,112
1977	115	105	10.5	1,103
1978	118	113	11.0	1,243
1979	110	105	13.5	1,418
1980	265	255	10.5	2,678

HISTORIC ESTIMATES (Cont.)

ALL CORN

Year	Acres Planted	Acres Harvested	Percent Abandoned	Acres Harvested as Forage or Grazed
	(000)	(000)	(Percent)	(000)
1971	569	562	1.2	55
1972	495	490	1.0	38
1973	544	539	.9	54
1974	533	520	2.4	30
1975	500	467	6.6	33
1976	510	501	1.8	17
1977	620	600	3.2	31
1978	600	593	1.2	19
1979	590	580	1.7	15
1980	700	655	6.4	39

CORN FOR GRAIN

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Bu.)	(000 Bu.)
1971	185	58.0	10,730
1972	170	67.0	11,390
1973	180	56.0	10,080
1974	170	48.0	8,160
1975	140	51.0	7,140
1976	204	40.0	8,160
1977	260	73.0	18,980
1978	300	79.0	23,700
1979	313	76.0	23,788
1980	290	58.0	16,820

CORN FOR SILAGE

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
1971	322	6.0	1,932
1972	282	7.0	1,974
1973	305	5.1	1,556
1974	320	5.6	1,792
1975	294	5.4	1,588
1976	280	5.0	1,400
1977	309	5.1	1,576
1978	274	6.7	1,836
1979	252	6.7	1,688
1980	326	4.3	1,402

SUNFLOWER - OIL

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(000)	(000)	(Pounds)	(000 Lbs.)
1971	95.0	93.0	1100	102,300
1972	274.0	267.0	930	248,310
1973	305.0	300.0	1100	330,000
1974	193.0	188.0	1000	188,000
1975	376.0	349.0	1100	383,900
1976	433.0	420.0	1000	420,000
1977	1190.0	1155.0	1270	1,466,850
1978	1740.0	1731.0	1340	2,319,540
1979	3300.0	3220.0	1360	4,379,200
1980	2270.0	2090.0	980	2,048,200

SUNFLOWER - NON-OIL

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
1971	148.0	144.0	980	141,120
1972	144.0	140.0	860	120,400
1973	113.0	111.0	910	101,010
1974	186.0	179.0	920	164,680
1975	166.0	149.0	1100	163,900
1976	187.0	180.0	1000	180,000
1977	170.0	165.0	1160	191,400
1978	180.0	179.0	1260	225,540
1979	160.0	158.0	1300	205,400
1980	230.0	210.0	930	195,300

SUNFLOWER - TOTAL

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
1971	243.0	237.0	1030	243,420
1972	418.0	407.0	910	368,710
1973	418.0	411.0	1050	431,010
1974	379.0	367.0	960	352,680
1975	542.0	498.0	1100	547,800
1976	620.0	600.0	1000	600,000
1977	1360.0	1320.0	1255	1,658,250
1978	1920.0	1910.0	1333	2,545,080
1979	3460.0	3378.0	1357	4,584,600
1980	2500.0	2300.0	975	2,243,500

ALL HAY

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
1971	3,388	1.45	4,917
1972	3,384	1.51	5,101
1973	3,660	1.15	4,197
1974	3,700	1.27	4,707
1975	3,540	1.49	5,268
1976	3,440	1.16	3,976
1977	3,140	1.03	3,229
1978	3,430	1.83	6,285
1979	3,500	1.61	5,650
1980	2,820	.89	2,519

ALFALFA HAY

Year	Acres Harvested	Yield per Acre	Production
1971	1,570	1.80	2,826
1972	1,600	1.85	2,960
1973	1,800	1.35	2,430
1974	1,830	1.55	2,837
1975	1,920	1.90	3,648
1976	1,840	1.30	2,392
1977	1,600	1.20	1,920
1978	1,900	2.10	3,990
1979	2,000	1.85	3,700
1980	1,220	.95	1,159

OTHER HAY

Year	Acres Harvested	Yield per Acre	Production
1971	1,818	1.15	2,091
1972	1,784	1.20	2,141
1973	1,[illegible]60	.95	1,767
1974	1,870	1.00	1,870
1975	1,620	1.00	1,620
1976	1,600	.99	1,584
1977	1,540	.85	1,309
1978	1,530	1.50	2,295
1979	1,500	1.30	1,950
1980	1,600	.85	1,360

ALFALFA SEED 1/

Year	Acres Harvested	Yield per Acre	Production
	(Acres)	(Lbs.)	(000 Lbs.)
1971	10,000	50	500
1972	5,000	45	225
1973	5,000	50	250
1974	13,500	40	540
1975	8,000	40	320
1976	18,000	50	900
1977	8,000	40	320
1978	17,000	45	765
1979	6,000	45	270
1980	4,000	40	160

MILLET

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(000 Bu.)
1971	113,000	90,000	28.5	2,565
1972	103,000	91,000	27.5	2,503
1973	124,000	98,000	28.0	2,744
1974	140,000	120,000	29.0	3,480
1975	120,000	96,000	29.5	2,832
1976	118,000	91,000	15.0	1,365
1977	210,000	166,000	30.0	4,980
1978	85,000	70,000	28.5	1,995
1979	80,000	65,000	32.0	2,080
1980	160,000	50,000	28.0	1,400

MUSTARD

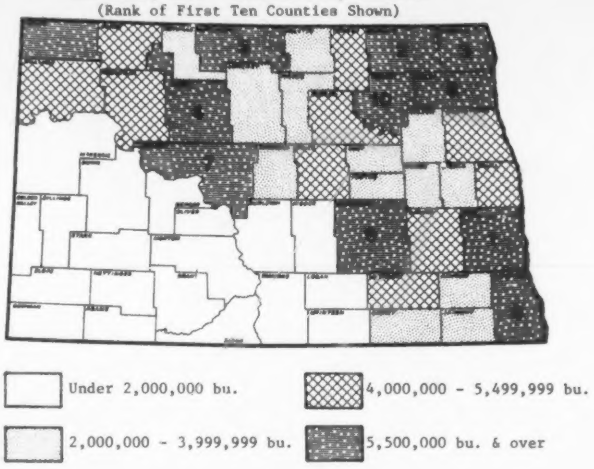
Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Pounds)	(000 Lbs.)
1979	45,000	43,000	700	30,100
1980	50,000	41,000	650	26,650

1/ Yield and Production clean seed basis.

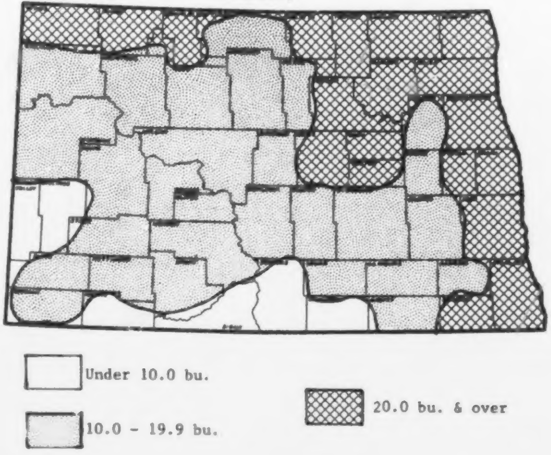
ALL WHEAT: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	210,200	197,100	19.8	21.1	4,153,100
Divide	266,200	253,500	21.2	22.2	5,631,500
Mountrail	292,500	268,000	18.2	19.9	5,331,000
Renville	196,600	179,700	18.4	20.1	3,611,400
Ward	406,500	354,600	16.3	18.7	6,644,800
Williams	369,000	331,600	14.4	16.0	5,297,200
Northwest	1,741,000	1,584,500	17.6	19.4	30,669,000
Benson	291,200	253,800	17.4	20.0	5,063,800
Bottineau	383,300	346,700	16.6	18.4	6,374,600
McHenry	266,800	226,200	13.8	16.3	3,677,000
Pierce	196,600	166,200	13.3	15.7	2,611,200
Rolette	150,100	133,100	17.9	20.2	2,693,400
North Central	1,288,000	1,126,000	15.9	18.1	20,420,000
Cavalier	420,000	385,000	22.9	25.0	9,624,000
Grand Forks	293,000	250,800	17.6	20.6	5,169,000
Nelson	241,100	222,100	15.2	16.5	3,665,500
Pembina	311,900	265,800	22.2	26.0	6,909,100
Ramsey	316,100	277,100	18.4	21.0	5,817,900
Towner	288,000	246,000	17.1	20.0	4,927,000
Walsh	355,900	277,700	16.5	21.2	5,882,500
Northeast	2,226,000	1,924,500	18.9	21.8	41,995,000
Dunn	144,500	72,600	5.1	10.2	738,600
McKenzie	205,000	117,000	6.2	10.8	1,262,200
McLean	424,500	366,900	14.0	16.2	5,947,700
Mercer	105,000	79,000	10.5	13.9	1,101,000
Oliver	61,000	42,000	8.7	12.6	528,000
West Central	940,000	677,500	10.2	14.1	9,577,500
Eddy	114,000	107,000	20.0	21.3	2,279,000
Foster	139,000	112,000	16.8	20.9	2,339,000
Kidder	120,000	74,000	6.5	10.6	781,000
Sheridan	167,000	132,000	12.3	15.6	2 058,000
Stutsman	435,000	345,000	13.4	16.9	5,835,000
Wells	315,500	260,450	17.8	21.5	5,604,300
Central	1,290,500	1,030,450	14.6	18.3	18,896,300
Barnes	338,500	305,000	15.6	17.4	5,294,000
Cass	429,500	416,000	24.9	25.7	10,697,900
Griggs	150,000	138,000	16.6	18.0	2,487,000
Steele	160,100	154,100	20.1	20.9	3,221,600
Traill	186,900	180,400	27.9	28.9	5,209,000
East Central	1,265,000	1,193,500	21.3	22.5	26,909,500
Adams	145,000	77,200	5.0	9.3	719,200
Billings	39,000	15,500	3.9	9.7	151,000
Bowman	132,000	87,000	7.1	10.8	937,850
Golden Valley	97,000	49,000	5.0	9.8	482,000
Hettinger	254,000	165,000	6.6	10.2	1,679,000
Slope	108,000	58,800	6.2	11.3	665,000
Stark	204,000	139,000	8.3	12.2	1,695,000
Southwest	979,000	591,500	6.5	10.7	6,329,050
Burleigh	213,500	100,150	5.2	11.1	1,108,800
Emmons	210,500	95,500	4.0	8.8	839,550
Grant	140,800	94,200	7.5	11.2	1,054,400
Morton	154,400	79,100	6.7	13.1	1,037,600
Sioux	44,300	32,100	6.2	8.5	273,300
South Central	763,500	401,050	5.6	10.8	4,313,650
Dickey	168,000	157,000	15.4	16.5	2,593,000
LaMoure	247,100	225,100	16.3	17.9	4,034,800
Logan	140,100	103,000	8.1	11.1	1,139,000
McIntosh	160,200	111,100	5.4	7.8	868,800
Ransom	132,000	126,600	15.9	16.6	2,097,000
Richland	243,500	222,200	25.7	28.1	6,252,400
Sargent	151,100	146,000	23.5	24.3	3,555,000
Southeast	1,242,000	1,091,000	16.5	18.8	20,540,000
STATE	11,735,000	9,620,000	15.3	18.7	179,650,000

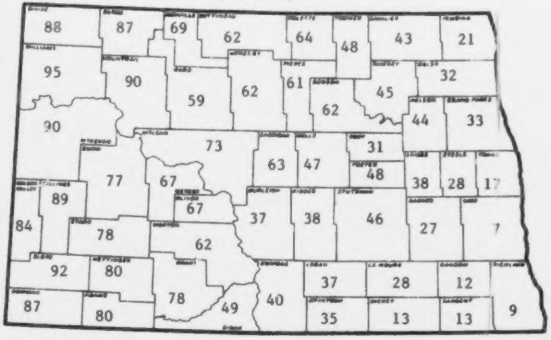
ALL WHEAT, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



ALL WHEAT, 1980 - Yield per Harvested Acre
(Bushels)



ALL WHEAT - 1980
Percent Planted on Summer Fallow
(Percent)



ALL WHEAT: Acreage, Yield and Production by Counties, 1979 (Revised) and 5-Year Average, 1975-79

District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	185,200	182,700	17.6	17.8	3,254,000	183,800	179,600	24.4	25.0	4,481,100
Divide	243,300	238,800	23.1	23.5	5,614,000	245,400	236,300	25.3	26.2	6,189,800
Mountrail	268,400	263,400	19.2	19.5	5,145,500	267,400	259,900	24.0	24.7	6,414,400
Renville	181,400	179,800	21.6	21.8	3,923,900	188,100	185,800	26.3	26.6	4,918,300
Ward	375,200	370,500	23.4	23.6	8,761,000	396,700	388,900	26.7	27.3	10,599,000
Williams	343,500	341,300	21.4	21.5	7,349,100	344,500	339,900	24.9	25.2	8,552,700
Northwest	1,597,000	1,576,500	21.3	21.6	34,047,500	1,625,800	1,590,400	25.3	25.9	41,155,300
Benson	234,800	218,500	27.1	29.1	6,358,000	250,300	242,100	26.2	27.1	6,591,100
Bottineau	288,800	276,500	19.9	20.8	5,751,800	317,400	308,700	24.0	24.7	7,567,700
McHenry	223,400	208,000	22.7	24.4	5,081,000	228,400	218,700	22.1	23.0	5,047,800
Pierce	177,400	146,400	19.2	23.2	3,401,300	175,700	162,700	21.2	22.8	3,734,700
Rolette	129,100	128,100	27.1	27.3	3,493,700	129,500	127,900	27.3	27.6	3,515,000
North Central	1,053,500	977,500	22.9	24.6	24,085,800	1,101,300	1,060,100	24.0	24.9	26,456,300
Cavalier	327,000	322,000	36.5	37.1	11,932,000	316,000	309,400	31.6	32.3	10,006,600
Grand Forks	231,000	225,300	36.1	37.0	8,343,800	268,800	264,900	34.2	34.8	9,131,500
Nelson	191,100	189,100	33.4	33.8	6,389,000	204,300	200,000	26.4	26.9	5,335,200
Pembina	245,900	242,800	37.0	37.5	9,102,000	276,500	272,500	34.3	34.7	9,442,900
Ramsey	248,600	246,000	33.0	33.4	8,213,000	269,000	261,500	29.0	29.9	7,794,100
Towner	222,500	217,000	30.1	30.9	6,701,000	232,500	227,300	28.5	29.2	6,637,100
Walsh	259,900	257,800	36.1	36.4	9,381,200	290,800	284,400	32.5	33.2	9,376,300
Northeast	1,726,000	1,700,000	34.8	35.3	60,062,000	1,858,200	1,820,000	31.2	31.8	57,723,600
Dunn	139,400	134,800	20.3	21.0	2,827,500	130,000	123,900	22.4	23.5	2,919,000
McKenzie	187,500	182,500	20.5	21.0	3,837,500	174,100	167,400	24.1	25.0	4,190,800
McLean	382,500	375,500	22.8	23.2	8,708,000	392,100	376,200	25.3	26.3	9,912,400
Mercer	101,200	98,900	23.4	24.0	2,373,000	96,000	93,700	23.2	23.8	2,229,100
Oliver	58,400	57,300	24.1	24.6	1,409,000	54,100	51,200	23.1	24.1	1,260,700
West Central	869,000	849,000	22.0	22.6	19,155,000	846,200	812,400	24.3	25.2	20,512,100
Eddy	82,000	69,500	22.0	26.0	1,804,000	85,600	82,100	21.5	22.5	1,828,000
Foster	114,000	103,500	27.7	30.5	3,161,000	120,700	117,200	25.6	26.4	3,083,000
Kidder	120,000	116,500	18.4	18.9	2,207,000	120,800	111,100	16.6	17.7	1,938,400
Sheridan	145,000	143,500	23.3	23.5	3,378,000	152,600	144,300	21.6	22.5	3,288,600
Stutsman	339,000	336,000	28.1	28.4	9,537,000	396,300	383,300	25.4	26.3	9,986,300
Wells	240,000	210,500	25.1	28.7	6,031,000	272,100	258,200	25.3	26.8	6,905,500
Central	1,040,000	979,500	25.1	26.7	26,118,000	1,148,100	1,096,200	23.7	24.8	27,089,800
Barnes	276,500	274,500	31.3	31.5	8,657,500	293,500	285,000	28.0	28.9	8,144,500
Cass	312,500	310,200	35.0	35.3	10,946,500	395,000	367,600	30.2	31.9	11,637,100
Griggs	107,000	105,800	30.1	30.5	3,225,000	117,300	116,300	27.9	28.2	3,253,000
Steele	123,100	121,800	34.7	35.1	4,274,000	152,100	150,800	30.8	31.1	4,628,400
Traill	160,900	159,700	35.0	35.3	5,633,000	183,600	179,400	34.1	34.9	6,228,400
East Central	980,000	972,000	33.4	33.7	32,736,000	1,141,500	1,099,100	30.0	31.1	33,891,400
Adams	134,000	127,500	16.8	17.6	2,248,300	132,900	125,400	19.4	20.5	2,574,900
Billings	45,300	42,500	18.7	19.9	847,700	36,900	34,800	22.0	23.2	803,100
Bowman	131,000	119,500	17.3	19.0	2,271,700	129,200	122,200	20.4	21.6	2,642,700
Golden Valley	94,000	91,000	19.7	20.4	1,854,800	82,000	78,400	26.3	27.5	2,131,900
Hettinger	236,000	222,000	21.5	22.8	5,064,900	236,000	226,000	23.3	24.3	5,501,600
Slope	101,700	96,000	20.4	21.6	2,075,400	105,300	101,700	23.2	23.9	2,436,000
Stark	188,000	179,500	21.7	22.7	4,073,400	181,900	172,500	22.6	23.7	4,110,200
Southwest	930,000	878,000	19.8	21.0	18,436,200	904,000	861,000	22.4	23.4	20,200,400
Burleigh	184,900	179,800	17.0	17.5	3,141,600	183,200	165,700	17.6	18.9	3,188,700
Emmons	226,500	219,500	15.5	16.0	3,520,000	214,200	201,900	15.6	16.3	3,298,800
Grant	126,000	117,700	17.5	18.7	2,205,400	136,000	128,800	19.3	20.4	2,639,900
Morton	147,100	141,100	21.8	22.7	3,206,000	148,300	136,600	20.8	22.5	3,082,700
Sioux	43,000	41,900	15.6	16.1	672,500	45,600	44,100	16.5	17.1	755,000
South Central	727,500	700,000	17.5	18.2	12,745,500	727,400	677,100	17.9	19.1	12,965,200
Dickey	135,000	134,900	24.9	25.1	3,368,000	152,300	148,300	22.1	22.7	3,249,500
LaMoure	197,100	195,600	26.6	26.8	5,244,500	221,600	209,500	24.0	25.4	5,279,400
Logan	142,100	141,000	19.7	19.9	2,801,000	134,100	131,800	18.7	19.0	2,491,400
McIntosh	137,700	136,500	19.9	20.1	2,744,500	145,900	143,700	17.9	18.1	2,563,400
Ransom	89,500	87,400	31.4	32.2	2,811,500	103,100	98,900	25.1	26.2	2,518,600
Richland	168,500	166,500	31.0	31.4	5,231,500	212,200	202,000	25.8	26.8	5,298,900
Sargent	107,100	106,500	24.7	24.9	2,648,000	113,700	111,000	24.1	24.7	2,690,300
Southeast	977,000	967,500	25.4	25.7	24,849,000	1,082,900	1,045,200	22.6	23.4	24,091,500
STATE	9,900,000	9,600,000	25.5	26.3	252,235,000	10,435,400	10,061,400	25.4	26.3	264,085,800

1/ Totals may not add due to rounding.

ALL WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices, 1980 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	183,800	179,100	21.6	22.2	3,973,100	26,400	18,000	6.8	10.0	180,000
Divide	233,900	226,200	22.6	23.3	5,276,000	31,600	26,600	10.4	12.3	327,500
Mountrail	262,700	245,000	19.3	20.7	5,073,000	29,800	23,000	8.7	11.2	258,000
Renville	136,100	131,400	22.2	23.0	3,023,400	60,500	48,300	9.7	12.2	588,000
Ward	239,400	232,300	22.2	22.8	5,302,800	166,600	121,800	8.0	10.9	1,327,500
Williams	349,800	321,000	14.7	16.0	5,127,700	16,100	7,500	2.8	6.0	45,000
Northwest	1,405,700	1,335,000	19.8	20.8	27,776,000	331,000	245,200	8.2	11.1	2,726,000
Benson	181,000	167,000	20.7	22.4	3,746,000	109,200	85,800	11.7	14.9	1,279,800
Bottineau	238,200	225,600	20.6	21.8	4,910,600	145,100	121,100	10.1	12.1	1,464,000
McHenry	164,600	147,800	16.9	18.8	2,782,800	101,800	78,000	8.7	11.3	883,800
Pierce	120,900	112,100	15.9	17.2	1,924,200	75,700	54,100	9.1	12.7	687,000
Rolette	95,600	91,700	21.8	22.7	2,080,400	54,500	41,400	11.2	14.8	613,000
North Central	800,300	744,200	19.3	20.8	15,444,000	486,300	380,400	10.1	13.0	4,927,600
Cavalier	180,000	173,000	28.5	29.6	5,126,000	240,000	212,000	18.7	21.2	4,498,000
Grand Forks	95,400	90,500	27.0	28.5	2,580,500	197,300	160,000	13.0	16.1	2,573,500
Nelson	106,500	104,100	20.7	21.2	2,206,500	134,600	118,000	10.8	12.4	1,459,000
Pembina	65,400	55,300	27.3	32.3	1,788,100	246,300	210,300	20.8	24.3	5,111,000
Ramsey	143,600	130,600	23.3	25.6	3,348,900	172,500	146,500	14.3	16.9	2,469,000
Towner	139,500	134,000	23.9	24.9	3,336,000	148,500	112,000	10.7	14.2	1,591,000
Walsh	114,900	105,200	22.9	25.0	2,629,000	241,000	172,500	13.5	18.9	3,253,500
Northeast	845,300	792,700	24.9	26.5	21,015,000	1,380,200	1,131,300	15.2	18.5	20,955,000
Dunn	111,000	66,600	6.3	10.5	699,100	33,500	6,000	1.2	6.6	39,500
McKenzie	185,400	108,100	5.7	9.8	1,054,600	15,600	5,200	2.6	7.9	41,100
McLean	309,100	289,800	17.1	18.2	5,285,800	113,100	74,900	5.2	7.9	591,800
Mercer	70,500	60,400	13.2	15.5	934,000	34,300	18,500	4.8	8.9	164,500
Oliver	40,800	29,800	10.6	14.5	431,600	20,200	12,200	4.8	7.9	96,400
West Central	716,800	554,700	11.7	15.2	8,405,100	216,700	116,800	4.3	8.0	933,300
Eddy	35,300	33,900	27.1	28.2	957,400	78,700	73,100	16.8	18.1	1,321,600
Foster	66,400	58,000	23.9	27.3	1,585,600	71,400	53,200	10.4	13.9	740,200
Kidder	45,200	35,100	11.0	14.2	499,100	74,300	38,400	3.5	6.9	263,600
Sheridan	105,800	96,600	16.3	17.9	1,729,000	61,200	35,400	5.4	9.3	329,000
Stutsman	198,000	162,000	17.1	20.9	3,382,000	236,800	183,000	10.4	13.4	2,453,000
Wells	148,300	131,300	22.2	25.1	3,296,100	167,200	129,150	13.8	17.9	2,308,200
Central	599,000	516,900	19.1	22.1	11,449,200	689,600	512,250	10.8	14.5	7,415,600
Barnes	92,000	82,800	23.0	25.5	2,112,800	245,800	221,700	12.9	14.3	3,167,200
Cass	29,100	28,200	35.8	37.0	1,043,100	399,300	386,900	24.1	24.8	9,611,600
Griggs	56,300	54,600	24.3	25.0	1,367,300	92,800	82,500	11.7	13.2	1,088,500
Steele	44,500	44,000	30.1	30.4	1,338,600	115,600	110,100	16.3	17.1	1,883,000
Traill	32,600	30,100	34.1	37.0	1,113,000	154,000	150,000	26.5	27.2	4,081,000
East Central	254,500	239,700	27.4	29.1	6,974,800	1,007,500	951,200	19.7	20.8	19,831,300
Adams	116,200	65,400	5.6	10.0	654,200	28,800	11,800	2.3	5.5	65,000
Billings	34,700	14,300	4.2	10.1	144,400	4,300	1,200	1.5	5.5	6,600
Bowman	114,400	82,800	8.0	11.0	911,850	17,600	4,200	1.5	6.2	26,000
Golden Valley	81,200	44,400	5.7	10.4	460,000	15,800	4,600	1.4	4.8	22,000
Hettinger	204,200	153,500	7.8	10.4	1,598,000	49,800	11,500	1.6	7.0	81,000
Slope	99,000	55,800	6.5	11.5	640,000	9,000	3,000	2.8	8.3	25,000
Stark	158,700	126,500	10.2	12.8	1,618,000	45,300	12,500	1.7	6.2	77,000
Southwest	808,400	542,700	7.5	11.1	6,026,450	170,600	48,800	1.8	6.2	302,600
Burleigh	78,300	56,550	10.5	14.6	823,800	134,800	43,200	2.0	6.3	271,000
Emmons	83,200	53,400	7.1	11.1	592,550	127,300	42,100	1.9	5.9	247,000
Grant	110,400	83,700	8.9	11.8	984,900	30,300	10,400	2.2	6.4	66,500
Morton	95,300	64,300	9.6	14.2	913,100	59,000	14,700	2.1	8.3	121,500
Sioux	21,700	17,200	8.8	11.1	190,500	22,400	14,700	3.4	5.2	76,800
South Central	388,900	275,150	9.0	12.7	3,504,850	373,800	125,100	2.1	6.3	782,800
Dickey	21,200	20,500	21.1	21.8	446,500	146,100	135,800	14.5	15.6	2,114,000
LaMoure	68,100	64,100	21.8	23.2	1,485,400	178,500	160,500	14.2	15.8	2,533,000
Logan	52,300	50,000	15.7	16.5	823,000	87,800	53,000	3.6	6.0	316,000
McIntosh	56,700	47,800	9.5	11.2	536,800	103,500	63,300	3.2	5.2	332,000
Ransom	15,900	14,100	27.8	31.3	442,000	116,000	112,400	14.3	14.7	1,653,000
Richland	22,700	16,600	25.0	34.2	567,200	220,800	205,600	25.7	27.7	5,685,200
Sargent	19,400	18,800	29.7	30.6	575,500	131,700	127,200	22.6	23.4	2,979,500
Southeast	256,300	231,900	19.0	21.0	4,876,400	984,400	857,800	15.9	18.2	15,612,700
STATE	6,075,200	5,232,950	17.4	20.2	105,471,800	5,640,100	4,368,850	13.0	16.8	73,486,900

1/ See page 34 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices, 1979 (Revised) 1/

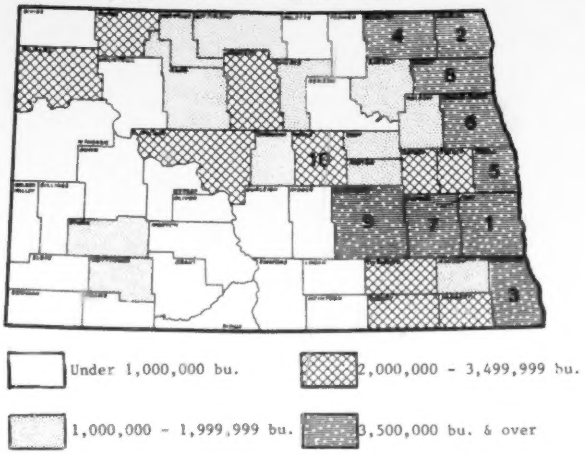
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	165,200	162,700	17.7	17.9	2,920,000	20,000	20,000	16.7	16.7	334,000
Divide	226,500	222,000	23.1	23.6	5,243,000	16,400	16,400	21.2	21.2	347,000
Mountrail	223,700	221,000	19.3	19.5	4,306,600	44,700	42,400	18.8	19.8	838,900
Renville	140,000	139,000	22.3	22.4	3,118,300	41,400	40,800	19.5	19.7	805,600
Ward	249,700	247,300	24.3	24.6	6,077,000	125,500	123,200	21.4	21.8	2,684,000
Williams	332,400	330,200	21.4	21.5	7,099,700	8,300	8,300	15.3	15.3	126,900
Northwest	1,337,500	1,322,200	21.5	21.8	28,764,600	256,300	251,100	20.0	20.5	5,136,400
Benson	165,500	154,000	28.2	30.3	4,660,200	68,800	64,000	24.4	26.2	1,675,600
Bottineau	187,600	179,800	21.5	22.4	4,024,800	101,200	96,700	17.1	17.9	1,727,000
McHenry	144,400	136,700	23.6	24.9	3,409,000	78,800	71,100	21.1	23.3	1,660,000
Pierce	119,700	100,100	20.0	23.9	2,392,300	57,700	46,300	17.5	21.8	1,009,000
Rolette	92,100	91,600	27.7	27.9	2,553,700	37,000	36,500	25.4	25.8	940,000
North Central	709,300	662,200	24.0	25.7	17,040,000	343,500	314,600	20.4	22.3	7,011,600
Cavalier	182,500	180,500	36.8	37.2	6,711,000	144,500	141,500	36.1	36.9	5,221,000
Grand Forks	88,300	86,200	38.7	39.7	3,420,000	142,700	139,100	34.5	35.4	4,923,800
Nelson	113,500	112,500	34.2	34.5	3,880,000	77,600	76,600	32.3	32.8	2,509,000
Pembina	53,000	51,900	35.8	36.5	1,896,000	192,900	190,900	37.4	37.7	7,206,000
Ramsey	150,100	148,500	34.1	34.4	5,112,000	98,500	97,500	31.5	31.8	3,101,000
Towner	138,000	133,800	29.9	30.9	4,128,000	84,500	83,200	30.4	30.9	2,573,000
Walsh	89,900	88,800	37.4	37.9	3,363,200	170,000	169,000	35.4	35.6	6,018,000
Northeast	815,300	802,200	35.0	35.5	28,510,200	910,700	897,800	34.6	35.1	31,551,800
Dunn	107,100	103,500	21.3	22.1	2,283,500	32,300	31,300	16.8	17.4	544,000
McKenzie	157,000	153,100	20.2	20.8	3,177,200	26,100	25,000	16.4	17.1	427,100
McLean	289,900	286,000	23.1	23.4	6,701,700	91,600	88,500	21.4	22.2	1,961,300
Mercer	80,700	79,600	24.3	24.6	1,957,000	20,400	19,200	20.1	21.4	411,000
Oliver	31,200	30,600	26.3	26.8	821,000	27,200	26,700	21.6	22.0	588,000
West Central	665,900	652,800	22.4	22.9	14,940,400	197,600	190,700	19.9	20.6	3,931,400
Eddy	36,800	32,700	25.5	28.7	938,000	45,000	36,600	19.0	23.4	855,000
Foster	53,900	47,900	30.1	33.9	1,625,000	59,900	55,400	25.5	27.5	1,526,000
Kidder	43,500	42,500	24.8	25.4	1,080,000	76,500	74,000	14.7	15.2	1,127,000
Sheridan	103,500	102,500	23.6	23.8	2,439,000	41,500	41,000	22.6	22.9	939,000
Stutsman	157,500	157,000	29.7	29.8	4,676,000	181,500	179,000	26.8	27.2	4,861,000
Wells	149,500	131,000	26.8	30.6	4,007,000	90,500	79,500	22.4	25.5	2,024,000
Central	544,700	513,600	27.1	28.7	14,765,000	494,900	465,500	22.9	24.3	11,332,000
Barnes	106,700	106,200	33.1	33.2	3,528,000	169,500	168,000	30.2	30.4	5,115,500
Cass	35,300	35,100	36.7	36.9	1,294,800	277,000	274,900	34.8	35.1	9,639,700
Griggs	49,900	49,300	31.5	31.8	1,570,000	57,100	56,500	29.0	29.3	1,655,000
Steele	46,900	46,300	35.1	35.5	1,645,000	76,200	75,500	34.5	34.8	2,629,000
Traill	31,400	30,800	31.3	31.9	984,000	129,500	128,900	35.9	36.1	4,649,000
East Central	270,200	267,700	33.4	33.7	9,021,800	709,300	703,800	33.4	33.7	23,688,200
Adams	113,500	108,000	16.9	17.7	1,914,900	20,500	19,500	16.3	17.1	333,400
Billings	30,500	29,200	20.4	21.3	621,100	14,800	13,300	15.3	17.0	226,600
Bowman	109,500	101,500	18.2	19.7	1,995,700	21,500	18,000	12.8	15.3	276,000
Golden Valley	76,500	74,500	21.0	21.5	1,603,000	17,500	16,500	14.4	15.3	251,800
Hettinger	208,000	197,300	22.4	23.6	4,664,200	28,000	24,700	14.3	16.2	400,700
Slope	90,700	86,000	21.4	22.6	1,941,400	11,000	10,000	12.2	13.4	134,000
Stark	156,800	149,700	22.0	23.0	3,448,500	31,200	29,800	20.0	21.0	624,900
Southwest	785,500	746,200	20.6	21.7	16,188,800	144,500	131,800	15.6	17.1	2,247,400
Burleigh	90,100	87,800	20.8	21.4	1,876,000	94,600	91,800	13.2	13.6	1,252,600
Emmons	80,000	75,200	17.0	18.1	1,357,500	146,500	144,300	14.8	15.0	2,162,500
Grant	92,000	90,000	19.9	20.3	1,829,500	33,900	27,600	11.0	13.5	372,700
Morton	85,800	82,600	25.1	26.1	2,154,700	61,200	58,400	17.1	18.0	1,048,300
Sioux	20,500	19,900	20.2	20.8	414,500	22,500	22,000	11.5	11.7	258,000
South Central	368,400	355,500	20.7	21.5	7,632,200	358,700	344,100	14.2	14.8	5,094,100
Dickey	28,200	27,700	29.0	29.5	817,000	106,500	106,000	23.8	24.0	2,539,000
LaMoure	69,900	69,800	29.1	29.2	2,037,000	127,100	125,700	25.2	25.5	3,203,500
Logan	49,500	49,000	23.8	24.0	1,176,000	92,600	92,000	17.5	17.7	1,625,000
McIntosh	53,500	53,400	23.1	23.1	1,233,500	84,200	83,100	17.9	18.2	1,511,000
Ransom	26,800	25,200	30.1	32.0	806,500	62,700	62,200	32.0	32.2	2,005,000
Richland	16,400	16,000	28.5	29.3	468,000	152,100	150,500	31.3	31.7	4,763,500
Sargent	14,600	14,500	28.6	28.8	418,000	92,500	92,000	24.1	24.2	2,230,000
Southeast	258,900	255,600	26.9	27.2	6,956,000	717,700	711,500	24.9	25.1	17,877,000
STATE	5,755,700	5,578,000	25.0	25.8	143,819,000	4,133,200	4,010,900	26.1	26.9	107,869,900

1/ See page 34 for irrigated acres.

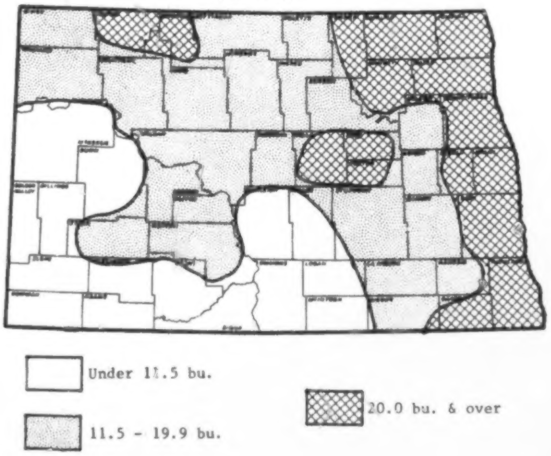
SPRING WHEAT OTHER THAN DURUM:
Acreage, Yield and Production by Counties,
1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	100,000	97,000	21.1	21.7	2,109,000
Divide	35,000	33,000	16.3	17.3	571,000
Mountrail	40,000	37,000	15.5	16.8	621,000
Renville	100,000	94,000	20.0	21.2	1,997,000
Ward	115,000	94,000	16.2	19.8	1,858,000
Williams	210,000	185,000	13.5	15.3	2,834,000
Northwest	600,000	540,000	16.7	18.5	9,990,000
Benson	50,000	43,000	14.5	16.8	724,000
Bottineau	95,000	79,000	14.8	17.8	1,408,000
McHenry	190,000	160,000	13.8	16.3	2,614,000
Pierce	100,000	85,000	13.1	15.4	1,305,000
Rolette	15,000	13,000	14.6	16.8	219,000
North Central	450,000	380,000	13.9	16.5	6,270,000
Cavalier	210,000	195,000	23.2	25.0	4,875,000
Grand Forks	260,000	220,000	17.8	21.0	4,620,000
Nelson	76,000	67,000	14.6	16.5	1,106,000
Pembina	290,000	250,000	22.4	26.0	6,501,000
Ramsey	76,000	67,000	18.5	21.0	1,407,000
Towner	18,000	16,000	18.2	20.5	328,000
Walsh	240,000	185,000	17.3	22.5	4,163,000
Northeast	1,170,000	1,000,000	19.7	23.0	23,000,000
Dunn	140,000	70,000	5.1	10.2	713,000
McKenzie	125,000	63,000	5.1	10.2	642,000
McLean	180,000	145,000	11.3	14.1	2,039,000
Mercer	95,000	71,000	10.1	13.6	964,000
Oliver	60,000	41,000	8.6	12.6	517,000
West Central	600,000	390,000	8.1	12.5	4,875,000
Eddy	75,000	70,000	19.2	20.6	1,442,000
Foster	105,000	81,000	16.7	21.6	1,749,000
Kidder	85,000	49,000	5.1	8.8	433,000
Sheridan	140,000	110,000	12.0	15.2	1,673,000
Stutsman	285,000	220,000	13.3	17.2	3,778,000
Wells	170,000	150,000	18.6	21.1	3,165,000
Central	860,000	680,000	14.2	18.0	12,240,000
Barnes	280,000	250,000	16.2	18.1	4,531,000
Cass	360,000	350,000	25.5	26.2	9,163,000
Griggs	125,000	115,000	16.2	17.6	2,027,000
Steele	145,000	140,000	20.4	21.2	2,961,000
Traill	170,000	165,000	28.3	29.2	4,818,000
East Central	1,080,000	1,020,000	21.8	23.0	23,500,000
Adams	97,000	46,000	3.8	8.1	372,000
Billings	33,000	13,000	3.8	9.6	125,000
Bowman	69,000	42,000	6.5	10.6	446,000
Golden Valley	42,000	20,000	3.6	7.6	152,000
Hettinger	215,000	140,000	6.6	10.1	1,418,000
Slope	89,000	49,000	6.1	11.1	545,000
Stark	175,000	120,000	8.3	12.1	1,457,000
Southwest	720,000	430,000	6.3	10.5	4,515,000
Burleigh	190,000	87,000	5.2	11.3	987,000
Emmons	190,000	86,000	4.0	8.9	764,000
Grant	130,000	87,000	7.6	11.4	988,000
Morton	145,000	75,000	6.9	13.3	999,000
Sioux	35,000	25,000	6.3	8.9	222,000
South Central	690,000	360,000	5.7	11.0	3,960,000
Dickey	135,000	125,000	15.3	16.5	2,064,000
LaMoure	180,000	165,000	17.4	19.0	3,137,000
Logan	120,000	90,000	7.9	10.5	945,000
McIntosh	140,000	95,000	5.1	7.5	713,000
Ransom	115,000	110,000	15.3	16.0	1,761,000
Richland	220,000	200,000	25.5	28.0	5,603,000
Sargent	120,000	115,000	24.0	25.0	2,877,000
Southeast	1,030,000	900,000	16.6	19.0	17,100,000
STATE	7,200,000	5,700,000	14.6	18.5	105,450,000

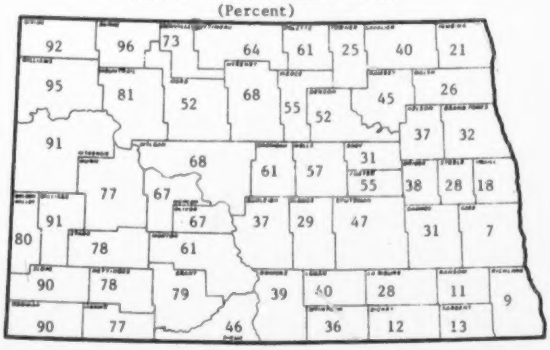
SPRING WHEAT OTHER THAN DURUM - 1980
Production by Counties
(Rank of First Ten Counties Shown)



SPRING WHEAT OTHER THAN DURUM - 1980
Yield per Harvested Acre
(Bushels)



SPRING WHEAT OTHER THAN DURUM - 1980
Percent Planted on Summer Fallow
(Percent)



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties, 1979 (Revised) and 5-Year Average, 1975-79

District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	107,000	105,000	18.2	18.5	1,943,000	113,600	111,300	24.8	25.3	2,810,600
Divide	57,000	56,500	20.8	21.0	1,187,000	63,900	62,800	24.4	24.9	1,560,100
Mountrail	46,000	45,500	18.2	18.4	835,000	55,200	54,000	22.7	23.3	1,246,700
Renville	83,000	82,000	22.7	22.9	1,881,000	98,300	97,200	26.5	26.8	2,603,100
Ward	116,000	115,000	25.3	25.5	2,931,000	147,800	146,300	27.2	27.4	4,019,600
Williams	223,000	222,000	20.3	20.4	4,527,000	212,200	210,300	24.1	24.3	5,085,600
Northwest	632,000	626,000	21.1	21.3	13,304,000	691,000	681,800	25.1	25.5	17,325,700
Benson	46,000	35,000	21.3	28.0	980,000	61,000	57,100	23.1	25.0	1,404,900
Bottineau	71,000	70,000	23.0	23.4	1,635,000	102,000	100,400	24.8	25.3	2,521,600
McHenry	167,000	154,000	22.4	24.3	3,746,000	159,700	152,700	21.4	22.3	3,409,900
Pierce	87,000	62,000	16.0	22.5	1,395,000	80,600	71,400	19.3	21.5	1,528,600
Rolette	15,000	15,000	27.0	27.0	405,000	20,500	20,300	27.4	27.6	580,000
North Central	386,000	336,000	21.1	24.3	8,161,000	423,700	401,900	22.4	23.6	9,445,000
Cavalier	172,000	170,000	36.9	37.4	6,353,000	161,200	157,600	32.7	33.4	5,308,300
Grand Forks	216,000	211,000	36.5	37.4	7,885,000	247,400	244,100	34.7	35.2	8,540,600
Nelson	64,000	63,000	35.8	36.4	2,291,000	64,500	63,700	27.8	28.2	1,777,900
Pembina	234,000	232,000	37.1	37.4	8,685,000	266,000	262,500	34.3	34.7	9,093,700
Ramsey	61,500	61,000	33.1	33.3	2,033,000	65,200	63,600	29.2	29.9	1,898,900
Towner	14,500	14,000	35.1	36.4	509,000	23,200	22,600	33.8	34.6	789,200
Walsh	201,000	200,000	36.7	36.9	7,373,000	216,900	212,000	33.5	34.3	7,236,800
Northeast	963,000	951,000	36.5	36.9	35,129,000	1,044,500	1,026,200	33.3	33.9	34,645,400
Dunn	135,000	132,000	20.6	21.0	2,776,000	126,100	120,600	22.4	23.4	2,834,500
McKenzie	117,000	115,000	21.2	21.5	2,477,000	102,500	99,200	23.7	24.4	2,422,100
McLean	170,000	168,000	23.3	23.6	3,963,000	200,700	192,400	24.3	25.2	4,864,000
Mercer	97,000	95,000	23.6	24.1	2,291,000	92,800	90,700	23.2	23.8	2,155,000
Oliver	58,000	57,000	24.2	24.6	1,403,000	52,600	49,800	23.2	24.2	1,227,500
West Central	577,000	567,000	22.4	22.8	12,910,000	574,700	552,800	23.5	24.4	13,503,200
Eddy	50,000	42,000	19.9	23.6	993,000	56,800	54,600	20.6	21.6	1,163,500
Foster	87,000	81,000	28.2	30.3	2,452,000	92,500	90,400	25.7	26.4	2,374,600
Kidder	91,000	88,000	17.4	18.0	1,584,000	90,800	82,500	15.8	17.1	1,426,100
Sheridan	125,000	124,000	23.7	23.9	2,958,000	135,000	127,800	21.7	22.5	2,896,100
Stutsman	221,000	220,000	28.3	28.4	6,254,000	273,400	264,300	25.3	26.2	6,820,900
Wells	153,000	134,000	25.5	29.2	3,907,000	179,700	170,800	25.5	26.9	4,540,300
Central	727,000	689,000	25.0	26.3	18,148,000	828,300	790,300	23.5	24.5	19,221,500
Barnes	235,000	234,000	31.5	31.7	7,409,000	247,900	241,700	28.1	28.9	6,925,200
Cass	267,000	266,000	35.6	35.7	9,508,000	353,300	330,800	30.3	31.8	10,447,100
Griggs	99,000	98,000	30.3	30.6	3,003,000	100,900	100,100	28.3	28.5	2,844,400
Steele	113,000	112,000	34.9	35.2	3,946,000	136,700	135,500	30.8	31.1	4,170,300
Traill	154,000	153,000	35.0	35.2	5,392,000	172,700	168,800	34.1	34.9	5,874,900
East Central	868,000	863,000	33.7	33.9	29,258,000	1,011,500	976,800	30.2	31.2	30,261,900
Adams	94,000	93,000	17.5	17.7	1,647,000	101,500	97,400	19.7	20.5	1,988,900
Billings	40,000	39,000	19.3	19.7	770,000	32,900	31,700	22.3	23.1	731,400
Bowman	86,000	83,500	17.7	18.2	1,520,000	88,500	85,800	20.3	20.9	1,785,200
Golden Valley	50,000	49,500	18.0	18.2	901,000	41,000	39,500	23.7	24.7	950,400
Hettinger	204,000	193,000	21.1	22.3	4,295,000	211,900	203,100	22.9	23.9	4,855,000
Slope	81,000	78,000	20.5	21.2	1,657,000	84,000	81,800	22.9	23.4	1,897,200
Stark	167,000	164,000	22.3	22.8	3,732,000	161,700	155,100	22.9	23.7	3,689,700
Southwest	722,000	700,000	20.1	20.7	14,522,000	721,500	694,400	22.1	22.9	15,897,700
Burleigh	171,000	167,000	17.2	17.6	2,938,000	165,100	149,100	17.6	18.9	2,854,200
Emmons	211,000	208,000	15.8	16.1	3,340,000	190,500	179,900	15.4	16.1	2,880,600
Grant	122,000	114,000	17.4	18.6	2,123,000	124,900	118,800	19.1	20.2	2,394,700
Morton	137,000	132,000	22.0	22.9	3,020,000	139,600	129,600	21.1	22.6	2,936,700
Sioux	41,000	40,000	15.7	16.1	642,000	40,000	38,900	16.8	17.2	666,900
South Central	682,000	661,000	17.7	18.2	12,063,000	660,100	616,200	17.9	19.0	11,733,200
Dickey	118,000	117,000	25.2	25.4	2,977,000	128,700	125,300	21.8	22.4	2,712,700
LaMoure	143,000	142,000	26.8	27.0	3,830,000	166,700	156,700	23.7	25.1	3,916,200
Logan	125,000	124,000	19.7	19.8	2,461,000	121,300	119,300	18.4	18.6	2,218,400
McIntosh	128,000	127,000	19.7	19.9	2,521,000	126,600	124,700	17.6	17.8	2,197,100
Ransom	83,000	82,000	32.2	32.6	2,670,000	91,600	88,400	25.1	26.0	2,262,500
Richland	157,000	156,000	31.4	31.6	4,922,000	198,600	189,600	25.9	26.8	4,980,400
Sargent	89,000	89,000	24.9	24.9	2,219,000	87,000	85,700	24.1	24.5	2,089,300
Southeast	843,000	837,000	25.6	25.8	21,600,000	920,600	889,700	22.4	23.2	20,376,500
STATE	6,400,000	6,230,000	25.8	26.5	165,095,000	6,876,000	6,630,000	25.2	26.1	172,410,000

1/ Totals may not add due to rounding.

June 1981

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties and Special Cropping Practices, 1980 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,600	93,500	21.5	22.0	2,055,000	4,400	3,500	12.3	15.4	54,000
Divide	32,100	30,500	16.7	17.6	536,000	2,500	2,100	7.6	9.0	19,000
Mountrail	32,400	30,300	16.6	17.8	539,000	7,600	6,700	10.8	12.2	82,000
Renville	72,500	70,500	23.4	24.0	1,694,000	27,500	23,500	11.0	12.9	303,000
Ward	60,000	58,900	23.9	24.3	1,433,000	54,900	35,000	7.7	12.1	422,500
Williams	199,700	181,200	14.0	15.4	2,788,000	9,700	3,200	2.0	5.9	19,000
Northwest	492,300	464,900	18.4	19.5	9,045,000	106,600	74,000	8.4	12.2	899,500
Benson	26,000	25,000	18.0	18.7	468,000	24,000	18,000	10.7	14.2	256,000
Bottineau	61,000	57,000	19.0	20.3	1,156,000	34,000	22,000	7.4	11.5	252,000
McHenry	129,000	115,000	16.2	18.2	2,094,600	60,900	44,900	8.5	11.5	518,000
Pierce	54,500	49,000	15.2	16.9	827,000	45,500	36,000	10.5	13.3	478,000
Rolette	9,200	7,600	16.2	19.6	149,000	5,800	5,400	12.1	13.0	70,000
North Central	279,700	253,600	16.8	18.5	4,694,600	170,200	126,300	9.2	12.5	1,574,000
Cavalier	84,000	79,000	28.4	30.2	2,388,000	126,000	116,000	19.7	21.4	2,487,000
Grand Forks	84,400	80,000	27.7	29.2	2,336,500	175,300	139,700	12.9	16.2	2,268,500
Nelson	28,000	27,100	19.4	20.0	542,500	48,000	39,900	11.7	14.1	563,600
Pembina	62,000	52,500	27.5	32.5	1,705,000	227,800	197,300	21.0	24.3	4,786,000
Ramsey	34,500	30,500	23.7	26.8	816,000	41,500	36,500	14.2	16.2	591,000
Towner	4,500	4,000	22.7	25.5	102,000	13,500	12,000	16.7	18.8	226,000
Walsh	63,100	60,100	25.8	27.0	1,625,000	176,900	124,900	14.3	20.3	2,538,000
Northeast	360,500	333,200	26.4	28.6	9,515,000	809,000	666,300	16.6	20.2	13,460,000
Dunn	107,500	64,500	6.3	10.5	676,000	32,500	5,500	1.1	6.7	37,000
McKenzie	113,800	58,100	4.4	8.6	501,500	8,000	2,000	1.3	5.0	10,000
McLean	121,900	109,300	14.4	16.1	1,761,300	57,400	35,000	4.4	7.2	252,500
Mercer	63,500	54,500	13.0	15.2	826,000	31,500	16,500	4.4	8.4	138,000
Oliver	40,000	29,000	10.6	14.6	422,000	20,000	12,000	4.8	7.9	95,000
West Central	446,700	315,400	9.4	13.3	4,186,800	149,400	71,000	3.6	7.5	532,500
Eddy	23,500	22,500	24.5	25.6	576,000	51,500	47,500	16.8	18.2	866,000
Foster	58,000	50,000	23.2	26.9	1,345,600	46,200	30,600	8.5	12.9	395,000
Kidder	24,500	18,100	9.1	12.4	224,000	60,300	30,700	3.4	6.6	203,600
Sheridan	85,000	77,000	16.1	17.7	1,366,000	55,000	33,000	5.6	9.3	307,000
Stutsman	135,000	107,000	15.6	19.7	2,105,000	150,000	113,000	11.2	14.8	1,673,000
Wells	97,000	88,000	21.6	23.8	2,093,000	73,000	62,000	14.7	17.3	1,072,000
Central	423,000	362,600	18.2	21.3	7,709,600	436,000	316,800	10.4	14.3	4,516,600
Barnes	86,200	77,000	23.2	26.0	2,003,800	193,100	172,500	13.0	14.6	2,513,200
Cass	23,600	23,000	38.4	39.4	906,000	336,000	326,700	24.5	25.2	8,242,000
Griggs	47,400	46,400	24.0	24.5	1,138,000	77,100	68,100	11.3	12.8	869,000
Steele	40,000	39,500	30.6	30.9	1,222,000	105,000	100,500	16.6	17.3	1,739,000
Traill	31,400	29,400	34.6	37.0	1,087,000	138,300	135,300	26.9	27.5	3,716,000
East Central	228,600	215,300	27.8	29.5	6,356,800	849,500	803,100	20.1	21.3	17,079,200
Adams	74,700	38,000	4.5	8.9	338,000	22,300	8,000	1.5	4.3	34,000
Billings	30,000	12,000	4.0	10.0	120,000	3,000	1,000	1.7	5.0	5,000
Bowman	62,200	40,300	6.9	10.7	431,000	6,800	1,700	2.2	8.8	15,000
Golden Valley	33,400	17,000	4.2	8.3	141,000	8,600	3,000	1.3	3.7	11,000
Hettinger	168,500	130,000	8.0	10.4	1,346,000	46,500	10,000	1.5	7.2	72,000
Slope	80,000	46,000	6.5	11.3	520,000	9,000	3,000	2.8	8.3	25,000
Stark	137,000	110,000	10.2	12.7	1,398,000	38,000	10,000	1.6	5.9	59,000
Southwest	585,800	393,300	7.3	10.9	4,294,000	134,200	36,700	1.6	6.0	221,000
Burleigh	69,600	48,600	10.6	15.2	737,000	120,000	38,000	2.0	6.2	236,000
Emmons	75,000	47,500	7.1	11.3	535,000	115,000	38,500	2.0	5.9	229,000
Grant	103,000	77,400	9.0	11.9	923,000	26,900	9,500	2.3	6.5	62,000
Morton	88,700	61,000	9.9	14.4	880,000	56,200	13,900	2.1	8.3	116,000
Sioux	16,000	11,800	9.2	12.5	147,000	18,800	13,000	3.7	5.3	69,000
South Central	352,300	246,300	9.1	13.1	3,222,000	336,900	112,900	2.1	6.3	712,000
Dickey	16,000	15,300	20.4	21.4	327,000	118,800	109,500	14.5	15.8	1,727,000
LaMoure	50,800	47,800	21.9	23.3	1,112,000	129,000	117,000	15.7	17.3	2,020,000
Logan	48,500	46,500	15.1	15.7	731,000	71,500	43,500	3.0	4.9	214,000
McIntosh	51,000	42,500	9.0	10.8	458,000	89,000	52,500	2.9	4.9	255,000
Ransom	12,400	11,000	27.6	31.1	342,000	102,500	98,900	13.8	14.3	1,417,000
Richland	20,000	14,000	23.7	33.9	474,000	200,000	186,000	25.6	27.6	5,129,000
Sargent	16,000	15,500	30.3	31.3	485,000	104,000	99,500	23.0	24.0	2,392,000
Southeast	214,700	192,600	18.3	20.4	3,929,000	814,800	706,900	16.1	18.6	13,154,000
STATE	3,383,600	2,777,200	15.6	19.1	52,952,800	3,806,600	2,914,000	13.7	17.9	52,148,800

1/ See page 33 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties and Special Cropping Practices, 1979 (Revised) 1/

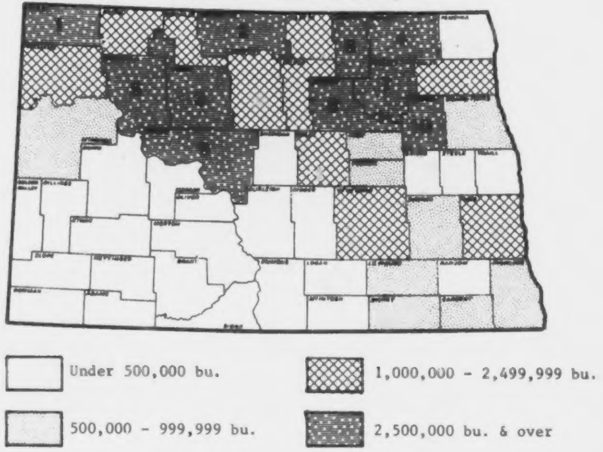
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,000	93,000	18.1	18.5	1,718,000	12,000	12,000	18.8	18.8	225,000
Divide	55,500	55,000	20.8	20.9	1,152,000	1,300	1,300	17.7	17.7	23,000
Mountrail	38,000	37,500	17.6	17.8	669,000	8,000	8,000	20.8	20.8	166,000
Renville	69,500	69,000	23.4	23.6	1,627,000	13,500	13,000	18.8	19.5	254,000
Ward	83,500	83,000	26.5	26.7	2,214,000	32,500	32,000	22.1	22.4	717,000
Williams	216,000	215,000	20.4	20.5	4,404,000	6,300	6,300	15.1	15.1	95,000
Northwest	557,500	552,500	21.1	21.3	11,784,000	73,600	72,600	20.1	20.4	1,480,000
Benson	28,500	20,000	21.7	30.9	618,200	17,200	14,700	20.3	23.7	348,600
Bottineau	58,000	57,500	24.2	24.4	1,402,000	13,000	12,500	17.9	18.6	233,000
McHenry	113,000	106,000	23.4	25.0	2,646,000	53,900	47,900	20.3	22.8	1,094,000
Pierce	55,000	39,000	16.9	23.9	931,000	32,000	23,000	14.5	20.2	464,000
Rolette	8,500	8,500	30.1	30.1	256,000	6,500	6,500	22.9	22.9	149,000
North Central	263,000	231,000	22.3	25.3	5,853,200	122,600	104,600	18.7	21.9	2,288,600
Cavalier	97,500	97,000	37.0	37.2	3,612,000	74,500	73,000	36.8	37.5	2,741,000
Grand Forks	84,000	82,000	38.9	39.9	3,268,000	132,000	129,000	35.0	35.8	4,617,000
Nelson	38,000	37,500	36.2	36.7	1,376,000	26,000	25,500	35.2	35.9	915,000
Pembina	51,000	50,000	35.8	36.6	1,828,000	183,000	182,000	37.5	37.7	6,857,000
Ramsey	40,000	39,500	34.0	34.4	1,359,000	21,500	21,500	31.3	31.3	674,000
Towner	8,000	7,800	34.4	35.3	275,000	6,500	6,200	36.0	37.7	234,000
Walsh	59,000	58,500	38.1	38.4	2,249,000	142,000	141,500	36.1	36.2	5,124,000
Northeast	377,500	372,300	37.0	37.5	13,967,000	585,500	578,700	36.1	36.6	21,162,000
Dunn	103,000	101,000	21.7	22.2	2,238,000	32,000	31,000	16.8	17.4	538,000
McKenzie	98,500	96,600	20.4	20.8	2,011,100	14,600	14,500	17.8	17.9	259,200
McLean	123,000	121,500	23.6	23.9	2,908,800	46,700	46,200	22.3	22.5	1,040,700
Mercer	77,500	76,500	24.4	24.7	1,893,000	19,400	18,400	20.3	21.4	393,000
Oliver	31,000	30,500	26.4	26.9	819,000	27,000	26,500	21.6	22.0	584,000
West Central	433,000	426,100	22.8	23.2	9,869,900	139,700	136,600	20.1	20.6	2,814,900
Eddy	22,800	20,200	23.4	26.4	534,000	27,000	21,600	16.6	20.7	448,000
Foster	43,500	40,000	31.1	33.8	1,353,000	43,400	40,900	25.2	26.7	1,094,000
Kidder	28,500	27,500	23.5	24.4	670,000	62,500	60,500	14.6	15.1	914,000
Sheridan	91,000	90,500	23.6	23.7	2,149,000	34,000	33,500	23.8	24.1	809,000
Stutsman	103,000	103,000	29.8	29.8	3,069,000	118,000	117,000	27.0	27.2	3,185,000
Wells	98,500	86,500	27.3	31.1	2,692,000	54,500	47,500	22.3	25.6	1,215,000
Central	387,300	367,700	27.0	28.5	10,467,000	339,400	321,000	22.6	23.9	7,665,000
Barnes	100,800	100,300	33.2	33.4	3,346,000	134,000	133,500	30.3	30.4	4,054,000
Cass	29,000	29,000	37.6	37.6	1,089,000	238,000	237,000	35.4	35.5	8,419,000
Griggs	45,500	45,000	31.6	32.0	1,439,000	53,500	53,000	29.2	29.5	1,564,000
Steele	43,500	43,000	35.4	35.8	1,539,000	69,500	69,000	34.6	34.9	2,407,000
Traill	30,000	29,500	31.2	31.8	937,000	124,000	123,500	35.9	36.1	4,455,000
East Central	248,800	246,800	33.6	33.8	8,350,000	619,000	616,000	33.8	33.9	20,899,000
Adams	76,000	75,500	17.7	17.8	1,347,000	18,000	17,500	16.7	17.1	300,000
Billings	28,000	27,500	20.9	21.2	584,000	12,000	11,500	15.5	16.2	186,000
Bowman	69,000	67,500	18.5	18.9	1,276,000	17,000	16,000	14.4	15.3	244,000
Golden Valley	40,000	39,500	19.2	19.4	766,000	10,000	10,000	13.5	13.5	135,000
Hettinger	179,000	171,000	22.0	23.0	3,939,000	25,000	22,000	14.2	16.2	356,000
Slope	72,000	70,000	21.6	22.2	1,553,000	9,000	8,000	11.6	13.0	104,000
Stark	137,000	135,000	22.8	23.1	3,121,000	30,000	29,000	20.4	21.1	611,000
Southwest	601,000	586,000	20.9	21.5	12,586,000	121,000	114,000	16.0	17.0	1,936,000
Burleigh	85,000	83,000	21.1	21.6	1,796,000	86,000	84,000	13.3	13.6	1,142,000
Emmons	73,000	72,000	17.9	18.1	1,305,000	138,000	136,000	14.7	15.0	2,035,000
Grant	89,500	87,500	19.8	20.2	1,767,800	32,400	26,400	10.9	13.3	352,000
Morton	81,400	78,500	25.3	26.2	2,057,000	55,500	53,400	17.3	18.0	960,000
Sioux	18,500	18,000	20.8	21.3	384,000	22,500	22,000	11.5	11.7	258,000
South Central	347,400	339,000	21.0	21.6	7,309,800	334,400	321,800	14.2	14.8	4,747,000
Dickey	23,700	23,200	29.1	29.7	690,000	94,000	93,500	24.2	24.3	2,275,000
LaMoure	49,400	49,300	29.2	29.3	1,443,000	93,500	92,600	25.5	25.7	2,383,000
Logan	44,000	43,500	23.4	23.7	1,031,000	81,000	80,500	17.7	17.8	1,430,000
McIntosh	49,500	49,500	23.2	23.2	1,150,000	78,500	77,500	17.5	17.7	1,371,000
Ransom	23,500	23,000	31.7	32.3	744,000	59,500	59,000	32.4	32.6	1,926,000
Richland	15,000	15,000	29.5	29.5	443,000	142,000	141,000	31.5	31.8	4,479,000
Sargent	9,500	9,500	29.7	29.7	282,000	79,500	79,500	24.4	24.4	1,937,000
Southeast	214,600	213,000	26.9	27.2	5,783,000	628,000	623,600	25.2	25.3	15,801,000
STATE	3,430,100	3,334,400	25.1	25.8	85,969,900	2,963,200	2,888,900	26.6	27.3	78,793,500

1/ See page 33 for irrigated acres.

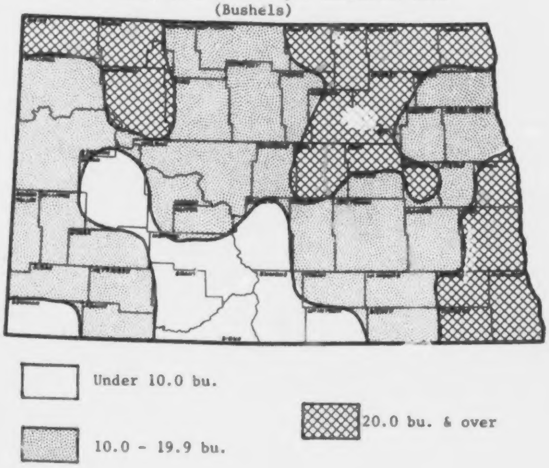
DURUM WHEAT: Acreage, Yield and Production by Counties. 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	110,000	100,000	18.6	20.4	2,043,000
Divide	230,000	220,000	22.0	23.0	5,055,000
Mountrail	250,000	230,000	18.8	20.4	4,698,000
Renville	95,000	85,000	16.9	18.9	1,606,000
Ward	290,000	260,000	16.5	18.4	4,779,000
Williams	155,000	145,000	15.8	16.9	2,444,000
Northwest	1,130,000	1,040,000	18.3	19.8	20,625,000
Benson	240,000	210,000	18.0	20.6	4,327,000
Bottineau	285,000	265,000	17.3	18.6	4,928,000
McHenry	75,000	65,000	13.9	16.1	1,045,000
Pierce	95,000	80,000	13.5	16.1	1,287,000
Rolette	135,000	120,000	18.3	20.6	2,473,000
North Central	830,000	740,000	16.9	19.0	14,060,000
Cavalier	210,000	190,000	22.6	25.0	4,749,000
Grand Forks	32,000	30,000	16.4	17.5	525,000
Nelson	165,000	155,000	15.5	16.5	2,557,000
Pembina	18,000	13,000	17.7	24.5	319,000
Ramsey	240,000	210,000	18.4	21.0	4,409,000
Towner	270,000	230,000	17.0	20.0	4,599,000
Walsh	115,000	92,000	14.8	18.5	1,702,000
Northeast	1,050,000	920,000	18.0	20.5	18,860,000
Dunn	3,000	2,000	6.3	9.5	19,000
McKenzie	66,000	49,000	8.6	11.6	569,000
McLean	240,000	220,000	16.2	17.7	3,884,000
Mercer	10,000	8,000	13.7	17.1	137,000
Oliver	1,000	1,000	11.0	11.0	11,000
West Central	320,000	280,000	14.4	16.5	4,620,000
Eddy	39,000	37,000	21.5	22.6	837,000
Foster	34,000	31,000	17.4	19.0	590,000
Kidder	35,000	25,000	9.9	13.9	348,000
Sheridan	27,000	22,000	14.3	17.5	385,000
Stutsman	150,000	125,000	13.7	16.5	2,057,000
Wells	145,000	110,000	16.8	22.1	2,433,000
Central	430,000	350,000	15.5	19.0	6,650,000
Barnes	57,000	54,000	12.9	13.7	738,000
Cass	67,000	64,000	22.1	23.1	1,480,000
Griggs	25,000	23,000	18.4	20.0	460,000
Steele	15,000	14,000	17.2	18.4	258,000
Traill	16,000	15,000	23.7	25.3	379,000
East Central	180,000	170,000	18.4	19.5	3,315,000
Adams	36,000	26,000	8.1	11.2	290,000
Billings	2,000	1,000	5.5	11.0	11,000
Bowman	44,000	32,000	6.8	9.3	298,000
Golden Valley	42,000	22,000	5.9	11.2	246,000
Hettinger	30,000	22,000	7.5	10.2	225,000
Slope	11,000	7,000	7.1	11.1	78,000
Stark	15,000	10,000	7.5	11.2	112,000
Southwest	180,000	120,000	7.0	10.5	1,260,000
Burleigh	23,000	13,000	5.2	9.2	120,000
Emmons	19,000	9,000	3.6	7.7	69,000
Grant	10,000	7,000	6.4	9.1	64,000
Morton	9,000	4,000	4.1	9.3	37,000
Sioux	9,000	7,000	5.6	7.1	50,000
South Central	70,000	40,000	4.9	8.5	340,000
Dickey	33,000	32,000	16.0	16.5	529,000
LaMoure	67,000	60,000	13.4	14.9	896,000
Logan	20,000	13,000	9.7	14.9	194,000
McIntosh	20,000	16,000	7.7	9.6	154,000
Ransom	16,000	16,000	20.3	20.3	324,000
Richland	23,000	22,000	28.0	29.3	645,000
Sargent	31,000	31,000	21.9	21.9	678,000
Southeast	210,000	190,000	16.3	18.0	3,420,000
STATE	4,400,000	3,850,000	16.6	19.0	73,150,000

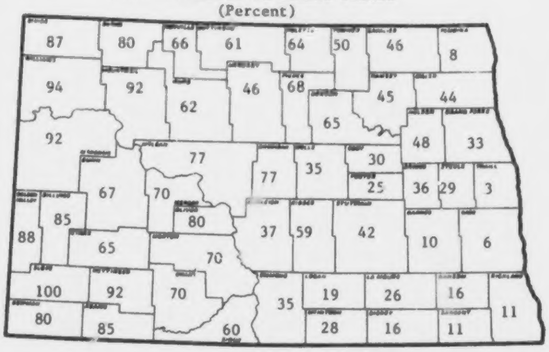
DURUM WHEAT, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



DURUM WHEAT, 1980 - Yield per Harvested Acre
(Bushels)



DURUM WHEAT - 1980
Percent Planted on Summer Fallow
(Percent)



DURUM WHEAT: Acreage, Yield and Production by Counties, 1979 (Revised) and 5-Year Average, 1975-79

District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	78,000	77,500	16.8	16.9	1,308,000	69,600	67,800	24.0	24.6	1,659,300
Divide	185,000	181,000	23.8	24.3	4,401,000	178,800	171,400	25.7	26.7	4,591,200
Mountrail	219,000	215,000	19.5	19.8	4,267,000	208,800	204,200	24.6	25.1	5,133,600
Renville	96,000	95,500	20.7	20.8	1,990,000	89,200	88,000	26.0	26.3	2,300,500
Ward	257,000	255,000	22.6	22.8	5,820,000	245,900	241,500	26.5	27.0	6,554,100
Williams	116,000	115,000	23.6	23.8	2,739,000	120,200	119,100	27.0	27.2	3,224,300
Northwest	951,000	939,000	21.6	21.9	20,525,000	912,600	892,000	25.7	26.3	23,462,900
Benson	187,000	183,000	28.7	29.3	5,363,000	188,900	184,900	27.1	27.7	5,183,200
Bottineau	213,000	204,000	19.0	19.9	4,053,000	212,700	207,000	23.7	24.5	5,013,500
McHenry	54,000	52,000	23.9	24.8	1,290,000	66,500	64,500	23.8	24.6	1,609,500
Pierce	88,000	83,000	22.5	23.8	1,979,000	94,300	90,700	22.9	23.8	2,194,300
Rolette	114,000	113,000	27.1	27.3	3,087,000	108,700	107,500	27.0	27.3	2,931,800
North Central	656,000	635,000	24.0	24.8	15,772,000	671,100	654,600	25.0	25.7	16,932,300
Cavalier	155,000	152,000	36.0	36.7	5,579,000	154,900	151,600	30.5	31.2	4,695,200
Grand Forks	14,000	13,500	30.9	32.0	432,000	20,900	20,500	27.8	28.3	583,600
Nelson	127,000	126,000	32.2	32.5	4,095,000	139,500	136,200	25.6	26.2	3,555,800
Pembina	8,000	7,500	37.5	40.0	300,000	9,300	9,100	34.3	35.2	320,400
Ramsey	187,000	185,000	33.0	33.4	6,180,000	203,400	197,500	29.0	29.8	5,884,800
Towner	208,000	203,000	29.8	30.5	6,192,000	209,300	204,700	27.9	28.5	5,847,300
Walsh	58,000	57,000	34.2	34.8	1,985,000	73,400	72,100	29.6	30.1	2,130,800
Northeast	757,000	744,000	32.7	33.3	24,763,000	810,800	791,700	28.5	29.1	23,018,000
Dunn	1,400	1,300	20.7	22.3	29,000	2,400	2,300	25.7	26.1	60,600
McKenzie	51,000	49,500	19.7	20.3	1,005,000	46,500	45,100	23.4	24.3	1,112,900
McLean	206,000	204,000	22.7	22.9	4,668,000	187,800	181,500	26.7	27.6	4,990,000
Mercer	4,200	3,900	19.5	21.0	82,000	3,000	2,900	24.3	24.8	72,200
Oliver	400	300	15.0	20.0	6,000	1,400	1,200	18.5	21.3	30,000
West Central	263,000	259,000	22.0	22.4	5,790,000	241,100	233,100	26.0	27.0	6,265,700
Eddy	32,000	27,500	25.3	29.5	811,000	28,700	27,400	22.9	24.1	663,300
Foster	27,000	22,500	26.3	31.5	709,000	28,100	26,900	24.8	26.3	708,500
Kidder	29,000	28,500	21.5	21.9	623,000	29,800	28,400	18.9	19.4	569,100
Sheridan	20,000	19,500	21.0	21.5	420,000	17,600	16,400	21.2	22.7	392,600
Stutsman	118,000	116,000	27.8	28.3	3,283,000	122,400	118,800	25.4	26.2	3,159,300
Wells	86,000	76,000	24.6	27.8	2,114,000	91,700	87,000	24.4	26.0	2,352,500
Central	312,000	290,000	25.5	27.4	7,960,000	318,300	304,800	24.1	25.3	7,845,200
Barnes	40,000	39,500	30.6	30.9	1,222,000	42,800	41,800	28.2	28.8	1,184,300
Cass	43,000	42,000	31.6	32.3	1,357,000	39,600	35,400	31.1	33.3	1,141,400
Griggs	8,000	7,800	27.8	28.5	222,000	16,200	15,900	25.4	25.8	401,900
Steele	10,000	9,800	32.8	33.5	328,000	15,400	15,300	30.3	30.6	457,800
Traill	6,000	5,900	34.8	35.4	209,000	10,200	10,200	34.2	34.5	338,600
East Central	107,000	105,000	31.2	31.8	3,338,000	124,300	118,600	29.1	30.2	3,524,000
Adams	25,000	23,500	15.0	16.0	376,000	22,900	21,400	18.9	20.1	433,200
Billings	1,000	1,000	19.0	19.0	19,000	1,500	1,400	23.8	24.7	33,300
Bowman	22,000	22,000	20.5	20.5	451,000	20,500	19,900	21.5	22.2	451,600
Golden Valley	29,000	28,500	22.6	23.0	655,000	25,600	25,200	30.1	30.5	766,800
Hettinger	23,000	23,000	28.0	28.0	644,000	18,300	18,100	28.6	29.0	518,900
Slope	12,000	11,500	23.5	24.5	282,000	12,300	12,100	27.0	27.5	338,600
Stark	7,000	6,500	23.7	25.5	166,000	9,800	9,400	21.8	24.5	219,200
Southwest	119,000	116,000	21.8	22.4	2,593,000	110,800	107,500	24.8	25.6	2,761,500
Burleigh	13,000	12,000	14.6	15.8	190,000	17,800	16,200	16.9	18.6	328,400
Emmons	11,000	10,500	14.5	15.2	160,000	20,600	20,100	17.6	18.1	364,600
Grant	2,000	2,000	21.0	21.0	42,000	8,800	8,200	20.6	23.5	201,000
Morton	9,000	8,500	19.0	20.1	171,000	6,700	6,200	17.2	19.8	126,700
Sioux	1,000	1,000	17.0	17.0	17,000	5,100	4,800	14.3	15.9	81,500
South Central	36,000	34,000	16.1	17.1	580,000	59,100	55,600	17.7	19.0	1,102,100
Dickey	17,000	17,000	23.0	23.0	391,000	22,200	21,700	22.5	22.8	505,600
LaMoure	54,000	53,500	26.1	26.4	1,412,000	54,200	52,200	25.0	26.0	1,353,700
Logan	17,000	17,000	20.0	20.0	340,000	12,700	12,300	22.3	22.7	270,500
McIntosh	9,000	9,000	23.6	23.6	212,000	19,200	18,900	20.3	20.7	363,600
Ransom	4,000	4,000	25.0	25.0	100,000	10,100	9,400	23.9	26.0	227,100
Richland	10,000	10,000	29.5	29.5	295,000	11,500	10,800	24.8	26.4	280,100
Sargent	18,000	17,500	23.8	24.5	429,000	26,100	24,800	23.5	24.5	590,500
Southeast	129,000	128,000	24.6	24.8	3,179,000	156,000	150,200	23.4	24.3	3,591,200
STATE	3,330,000	3,250,000	25.4	26.0	84,500,000	3,404,000	3,308,000	25.9	26.7	88,503,000

1/ Totals may not add due to rounding.

DURUM WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices
1980 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	88,000	85,500	21.8	22.4	1,917,000	22,000	14,500	5.7	8.7	126,000
Divide	201,200	195,200	23.5	24.3	4,734,500	28,500	24,500	10.8	12.6	308,500
Mountrail	229,000	214,000	19.8	21.1	4,525,000	21,000	16,000	8.2	10.8	173,000
Renville	63,000	60,500	21.0	21.9	1,324,000	32,000	24,500	8.8	11.5	282,000
Ward	178,400	173,000	21.7	22.3	3,864,000	111,200	86,600	8.1	10.4	903,000
Williams	146,200	138,300	15.9	16.8	2,321,500	6,300	4,200	4.0	6.0	25,000
Northwest	905,800	866,500	20.6	21.6	18,686,000	221,000	170,300	8.2	10.7	1,817,500
Benson	155,000	142,000	21.1	23.1	3,278,000	84,000	67,000	12.0	15.1	1,011,000
Bottineau	174,000	166,000	21.4	22.4	3,717,000	111,000	99,000	10.9	12.2	1,211,000
McHenry	34,200	31,800	19.7	21.1	672,200	40,500	32,900	9.0	11.1	363,800
Pierce	65,000	62,000	16.6	17.4	1,079,000	30,000	18,000	6.9	11.6	208,000
Rolette	86,300	84,000	22.4	23.0	1,930,000	48,700	36,000	11.1	15.1	543,000
North Central	514,500	485,800	20.8	22.0	10,676,200	314,200	252,900	10.6	13.2	3,336,800
Cavalier	96,000	94,000	28.5	29.1	2,738,000	114,000	96,000	17.6	20.9	2,011,000
Grand Forks	10,500	10,000	21.8	22.9	229,000	21,500	20,000	13.8	14.8	296,000
Nelson	78,500	77,000	21.2	21.6	1,664,000	86,500	78,000	10.3	11.4	893,000
Pembina	1,400	1,000	18.6	26.0	26,000	16,600	12,000	17.7	24.4	293,000
Ramsey	109,000	100,000	23.2	25.3	2,531,000	131,000	110,000	14.3	17.1	1,878,000
Towner	135,000	130,000	24.0	24.9	3,234,000	135,000	100,000	10.1	13.7	1,365,000
Walsh	51,000	44,500	19.4	22.2	989,000	64,000	47,500	11.1	15.0	713,000
Northeast	481,400	456,500	23.7	25.0	11,411,000	568,600	463,500	13.1	16.1	7,449,000
Dunn	2,000	1,500	8.3	11.0	16,500	1,000	500	2.5	5.0	2,500
McKenzie	60,600	45,900	8.4	11.1	510,000	4,600	2,300	5.0	10.0	23,000
McLean	184,900	179,500	19.0	19.6	3,511,500	53,500	39,000	6.1	8.4	327,600
Mercer	7,000	5,900	15.4	18.3	108,000	2,800	2,000	9.5	13.3	26,500
Oliver	800	800	12.0	12.0	9,600	200	200	7.0	7.0	1,400
West Central	255,300	233,600	16.3	17.8	4,155,600	62,100	44,000	6.1	8.7	381,000
Eddy	11,800	11,400	32.3	33.5	381,400	27,200	25,600	16.8	17.8	455,600
Foster	8,400	8,000	28.6	30.0	240,000	25,200	22,600	13.7	15.3	345,200
Kidder	20,700	17,000	13.3	16.2	275,100	14,000	7,700	4.3	7.8	60,000
Sheridan	20,800	19,600	17.5	18.5	363,000	6,200	2,400	3.5	9.2	22,000
Stutsman	63,000	55,000	20.3	23.2	1,277,000	86,800	70,000	9.0	11.1	780,000
Wells	51,000	43,000	23.5	27.9	1,198,000	94,000	67,000	13.1	18.4	1,235,000
Central	175,700	154,000	21.3	24.3	3,734,500	253,400	195,300	11.4	14.8	2,897,800
Barnes	5,800	5,800	18.8	18.8	109,000	51,200	48,200	12.3	13.0	629,000
Cass	4,000	3,800	22.8	24.0	91,200	62,300	59,600	21.8	22.8	1,360,600
Griggs	8,900	8,200	25.8	28.0	229,300	15,700	14,400	14.0	15.2	219,500
Steele	4,400	4,400	25.9	25.9	114,000	10,600	9,600	13.6	15.0	144,000
Traill	400	400	42.5	42.5	17,000	15,600	14,600	23.2	24.8	362,000
East Central	23,500	22,600	23.9	24.8	560,500	155,400	146,400	17.5	18.5	2,715,100
Adams	30,500	22,500	8.6	11.6	262,000	5,500	3,500	5.1	8.0	28,000
Billings	1,700	1,000	6.5	11.0	11,000	300	--	--	--	--
Bowman	35,200	30,000	8.2	9.7	290,000	8,800	2,000	.9	4.0	8,000
Golden Valley	36,800	21,000	6.5	11.5	241,000	5,200	1,000	1.0	5.0	5,000
Hettinger	27,700	20,800	7.9	10.5	219,000	2,300	1,200	2.6	5.0	6,000
Slope	11,000	7,000	7.1	11.1	78,000	--	--	--	--	--
Stark	9,700	8,100	10.3	12.3	100,000	5,300	1,900	2.3	6.3	12,000
Southwest	152,600	110,400	7.9	10.9	1,201,000	27,400	9,600	2.2	6.1	59,000
Burleigh	8,400	7,800	10.1	10.9	85,000	14,600	5,200	2.4	6.7	35,000
Emmons	6,700	5,400	7.6	9.4	51,000	12,300	3,600	1.5	5.0	18,000
Grant	7,000	6,100	8.5	9.8	59,500	3,000	900	1.5	5.0	4,500
Morton	6,300	3,200	5.0	9.8	31,500	2,700	800	2.0	6.9	5,500
Sioux	5,400	5,300	7.8	8.0	42,200	3,600	1,700	2.2	4.6	7,800
South Central	33,800	27,800	8.0	9.7	269,200	36,200	12,200	2.0	5.8	70,800
Dickey	5,200	5,200	23.0	23.0	119,500	27,300	26,300	14.2	14.7	387,000
LaMoure	17,200	16,200	21.6	22.9	371,600	49,500	43,500	10.4	11.8	513,000
Logan	3,800	3,500	24.2	26.3	92,000	16,200	9,500	6.3	10.7	102,000
McIntosh	5,500	5,200	14.0	14.8	77,000	14,500	10,800	5.3	7.1	77,000
Ransom	2,500	2,500	35.2	35.2	88,000	13,500	13,500	17.5	17.5	236,000
Richland	2,500	2,500	36.4	36.4	91,000	20,500	19,500	27.0	28.4	554,000
Sargent	3,300	3,300	27.4	27.4	90,500	27,700	27,700	21.2	21.2	587,500
Southeast	40,000	38,400	23.2	24.2	929,600	169,200	150,800	14.5	16.3	2,456,500
STATE	2,582,600	2,395,600	20.0	21.5	51,623,600	1,807,500	1,445,000	11.7	14.7	21,183,500

1/ See page 33 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices, 1979 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	70,000	69,500	17.1	17.3	1,199,000	8,000	8,000	13.6	13.6	109,000
Divide	171,000	167,000	23.9	24.5	4,091,000	13,800	13,800	21.6	21.6	298,000
Mountrail	184,000	182,000	19.7	19.9	3,618,000	35,000	33,000	18.5	19.7	649,000
Renville	69,500	69,000	21.1	21.2	1,466,000	26,500	26,500	19.8	19.8	524,000
Ward	165,000	164,000	23.4	23.5	3,857,000	92,000	91,000	21.3	21.6	1,963,000
Williams	112,000	111,000	23.3	23.6	2,614,100	1,900	1,900	16.0	16.0	30,400
Northwest	771,500	762,500	21.8	22.1	16,845,100	177,200	174,200	20.2	20.5	3,573,400
Benson	137,000	134,000	29.5	30.2	4,042,000	49,800	48,800	26.3	26.9	1,312,000
Bottineau	125,000	120,000	20.5	21.4	2,562,000	88,000	84,000	16.9	17.8	1,491,000
McHenry	30,000	29,500	24.5	24.9	735,000	23,900	22,400	23.0	24.5	549,000
Pierce	63,500	60,500	22.8	24.0	1,449,000	24,500	22,500	21.6	23.6	530,000
Rolette	83,500	83,000	27.5	27.7	2,296,000	30,500	30,000	25.9	26.4	791,000
North Central	439,000	427,000	25.2	26.0	11,084,000	216,700	207,700	21.6	22.5	4,673,000
Cavalier	85,000	83,500	36.5	37.1	3,099,000	70,000	68,500	35.4	36.2	2,480,000
Grand Forks	4,000	4,000	36.3	36.3	145,000	10,000	9,500	28.7	30.2	287,000
Nelson	75,500	75,000	33.2	33.4	2,504,000	51,500	51,000	30.9	31.2	1,591,000
Pembina	1,500	1,500	36.0	36.0	54,000	6,500	6,000	37.8	41.0	246,000
Ramsey	110,000	109,000	34.1	34.4	3,753,000	77,000	76,000	31.5	31.9	2,427,000
Towner	130,000	126,000	29.6	30.6	3,853,000	78,000	77,000	30.0	30.4	2,339,000
Walsh	30,000	29,500	36.4	37.0	1,091,000	28,000	27,500	31.9	32.5	894,000
Northeast	436,000	428,500	33.3	33.8	14,499,000	321,000	315,500	32.0	32.5	10,264,000
Dunn	1,100	1,000	20.9	23.0	23,000	300	300	20.0	20.0	6,000
McKenzie	47,500	46,500	19.9	20.3	945,100	3,000	2,500	11.1	13.4	33,400
McLean	163,000	162,000	22.9	23.1	3,739,900	42,300	41,300	21.2	21.7	896,600
Mercer	3,200	3,100	20.0	20.6	64,000	1,000	800	18.0	22.5	18,000
Oliver	200	100	10.0	20.0	2,000	200	200	20.0	20.0	4,000
West Central	215,000	212,700	22.2	22.4	4,774,000	46,800	45,100	20.5	21.2	958,000
Eddy	14,000	12,500	28.9	32.3	404,000	18,000	15,000	22.6	27.1	407,000
Foster	10,400	7,900	26.2	34.4	272,000	16,500	14,500	26.2	29.8	432,000
Kidder	15,000	15,000	27.3	27.3	410,000	14,000	13,500	15.2	15.8	213,000
Sheridan	12,500	12,000	23.2	24.2	290,000	7,500	7,500	17.3	17.3	130,000
Stutsman	54,500	54,000	29.5	29.8	1,607,000	63,500	62,000	26.4	27.0	1,676,000
Wells	50,000	44,000	26.1	29.7	1,305,000	36,000	32,000	22.5	25.3	809,000
Central	156,400	145,400	27.4	29.5	4,288,000	155,500	144,500	23.6	25.4	3,667,000
Barnes	5,900	5,900	30.8	30.8	182,000	34,000	33,500	30.4	30.9	1,035,000
Cass	4,800	4,800	32.3	32.3	155,000	38,000	37,000	31.3	32.2	1,190,000
Griggs	4,400	4,300	29.8	30.5	131,000	3,600	3,500	25.3	26.0	91,000
Steele	3,300	3,300	32.1	32.1	106,000	6,700	6,500	33.1	34.2	222,000
Traill	500	500	30.0	30.0	15,000	5,500	5,400	35.3	35.9	194,000
East Central	18,900	18,800	31.2	31.3	589,000	87,800	85,900	31.1	31.8	2,732,000
Adams	23,000	22,000	15.2	15.9	350,000	2,000	1,500	13.0	17.3	26,000
Billings	800	800	20.0	20.0	16,000	200	200	15.0	15.0	3,000
Bowman	21,000	21,000	20.6	20.6	432,000	1,000	1,000	19.0	19.0	19,000
Golden Valley	25,500	25,000	23.1	23.6	589,000	3,500	3,500	18.9	18.9	66,000
Hettinger	21,000	21,000	29.0	29.0	610,000	2,000	2,000	17.0	17.0	34,000
Slope	10,000	9,500	25.2	26.5	252,000	2,000	2,000	15.0	15.0	30,000
Stark	6,300	6,100	24.9	25.7	157,000	700	400	12.9	22.5	9,000
Southwest	107,600	105,400	22.4	22.8	2,406,000	11,400	10,600	16.4	17.6	187,000
Burleigh	4,500	4,200	15.3	16.4	69,000	8,300	7,600	13.0	14.2	108,000
Emmons	2,500	2,200	13.0	14.8	32,500	8,500	8,300	15.0	15.4	127,500
Grant	1,500	1,500	22.7	22.7	34,000	500	500	16.0	16.0	8,000
Morton	3,900	3,800	22.8	23.4	89,000	5,100	4,700	16.1	17.4	82,000
Sioux	1,000	1,000	17.0	17.0	17,000	--	--	--	--	--
South Central	13,400	12,700	18.0	19.0	241,500	22,400	21,100	14.5	15.4	325,500
Dickey	4,500	4,500	28.2	28.2	127,000	12,500	12,500	21.1	21.1	264,000
LaMoure	20,500	20,500	29.0	29.0	594,000	33,500	33,000	24.4	24.8	818,000
Logan	5,500	5,500	26.4	26.4	145,000	11,500	11,500	17.0	17.0	195,000
McIntosh	3,600	3,600	20.8	20.8	75,000	5,400	5,400	25.4	25.4	137,000
Ransom	800	800	26.3	26.3	21,000	3,200	3,200	24.7	24.7	79,000
Richland	1,000	1,000	25.0	25.0	25,000	9,000	9,000	30.0	30.0	270,000
Sargent	5,000	5,000	27.2	27.2	136,000	13,000	12,500	22.5	23.4	293,000
Southeast	40,900	40,900	27.5	27.5	1,123,000	88,100	87,100	23.3	23.6	2,056,000
STATE	2,198,700	2,153,900	25.4	25.9	55,849,600	1,126,900	1,091,700	25.2	26.0	28,435,900

1/ See page 33 for irrigated acres.

June 1981

WINTER WHEAT: Acreage, Yield and Production by Counties, 1979 (Revised) and 1980 (Preliminary)

District and County	1979					1980				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	200	200	15.0	15.0	3,000	200	100	5.5	11.0	1,100
Divide	1,300	1,300	20.0	20.0	26,000	1,200	500	4.6	11.0	5,500
Mountrail	3,400	2,900	12.8	15.0	43,500	2,500	1,000	4.8	12.0	12,000
Renville	2,400	2,300	22.0	23.0	52,900	1,600	700	5.3	12.0	8,400
Ward	2,200	500	4.5	20.0	10,000	1,500	600	5.2	13.0	7,800
Williams	4,500	4,300	18.5	19.3	83,100	4,000	1,600	4.8	12.0	19,200
Northwest	14,000	11,500	15.6	19.0	218,500	11,000	4,500	4.9	12.0	54,000
Benson	1,800	500	8.3	30.0	15,000	1,200	800	10.7	16.0	12,800
Bottineau	4,800	2,500	13.3	25.5	63,800	3,300	2,700	11.7	14.3	38,600
McHenry	2,400	2,000	18.8	22.5	45,000	1,800	1,200	10.0	15.0	18,000
Pierce	2,400	1,400	11.4	19.5	27,300	1,600	1,200	12.0	16.0	19,200
Rolette	100	100	17.0	17.0	1,700	100	100	14.0	14.0	1,400
North Central	11,500	6,500	13.3	23.5	152,800	8,000	6,000	11.3	15.0	90,000
Grand Forks	1,000	800	26.8	33.5	26,800	1,000	800	24.0	30.0	24,000
Nelson	100	100	30.0	30.0	3,000	100	100	25.0	25.0	2,500
Pembina	3,900	3,300	30.0	35.5	117,000	3,900	2,800	22.8	31.8	89,100
Ramsey	100	---	---	---	---	100	100	19.0	19.0	1,900
Walsh	900	800	25.8	29.0	23,200	900	700	19.4	25.0	17,500
Northeast	6,000	5,000	28.3	34.0	170,000	6,000	4,500	22.5	30.0	135,000
Dunn	3,000	1,500	7.5	15.0	22,500	1,500	600	4.4	11.0	6,600
McKenzie	19,500	18,000	18.2	19.8	355,500	14,000	5,000	3.7	10.2	51,200
McLean	6,500	3,500	11.8	22.0	77,000	4,500	1,900	5.5	13.0	24,700
West Central	29,000	23,000	15.7	19.8	455,000	20,000	7,500	4.1	11.0	82,500
Wells	1,000	500	10.0	20.0	10,000	500	450	12.6	14.0	6,300
Central	1,000	500	10.0	20.0	10,000	500	450	12.6	14.0	6,300
Barnes	1,500	1,000	17.7	26.5	26,500	1,500	1,000	16.7	25.0	25,000
Cass	2,500	2,200	32.6	37.0	81,500	2,500	2,000	22.0	27.5	54,900
Steele	100	---	---	---	---	100	100	26.0	26.0	2,600
Traill	900	800	35.6	40.0	32,000	900	400	13.3	30.0	12,000
East Central	5,000	4,000	28.0	35.0	140,000	5,000	3,500	18.9	27.0	94,500
Adams	15,000	11,000	15.0	20.5	225,300	12,000	5,200	4.8	11.0	57,200
Billings	4,300	2,500	13.7	23.5	58,700	4,000	1,500	3.8	10.0	15,000
Bowman	23,000	14,000	13.1	21.5	300,700	19,000	13,000	10.2	14.9	193,850
Golden Valley	15,000	13,000	19.9	23.0	298,800	13,000	7,000	6.5	12.0	84,000
Hettinger	9,000	6,000	14.0	21.0	125,900	9,000	3,000	4.0	12.0	36,000
Slope	8,700	6,500	15.7	21.0	136,400	8,000	2,800	5.3	15.0	42,000
Stark	14,000	9,000	12.5	19.5	175,400	14,000	9,000	9.0	14.0	126,000
Southwest	89,000	62,000	14.8	21.3	1,321,200	79,000	41,500	7.0	13.4	554,050
Burleigh	900	800	15.1	17.0	13,600	500	150	3.6	12.0	1,800
Emmons	4,500	1,000	4.4	20.0	20,000	1,500	500	4.4	13.1	6,550
Grant	2,000	1,700	20.2	23.8	40,400	800	200	3.0	12.0	2,400
Morton	1,100	600	13.6	25.0	15,000	400	100	4.0	16.0	1,600
Sioux	1,000	900	13.5	15.0	13,500	300	100	4.3	13.0	1,300
South Central	9,500	5,000	10.8	20.5	102,500	3,500	1,050	3.9	13.0	13,650
LaMoure	100	100	25.0	25.0	2,500	100	100	18.0	18.0	1,800
Logan	100	---	---	---	---	100	---	---	---	---
McIntosh	700	500	16.4	23.0	11,500	200	100	9.0	18.0	1,800
Ransom	2,500	1,400	16.6	29.6	41,500	1,000	600	12.0	20.0	12,000
Richland	1,500	500	9.7	29.0	14,500	500	200	8.8	22.0	4,400
Sargent	100	---	---	---	---	100	---	---	---	---
Southeast	5,000	2,500	14.0	28.0	70,000	2,000	1,000	10.0	20.0	20,000
STATE	170,000	120,000	15.5	22.0	2,640,000	135,000	70,000	7.8	15.0	1,050,000
	North Dakota Totals by Special Cropping Practices									
Summer Fallow	126,900	89,700	15.8	22.3	1,999,500	109,000	60,150	8.2	14.9	895,400
Cont. Cropping	43,100	30,300	14.9	21.1	640,500	26,000	9,850	5.9	15.7	154,600
Irrigated	- - - - - - - - N O N E - - - - - - - - -					- - - - - - - - N O N E - - - - - - - -				

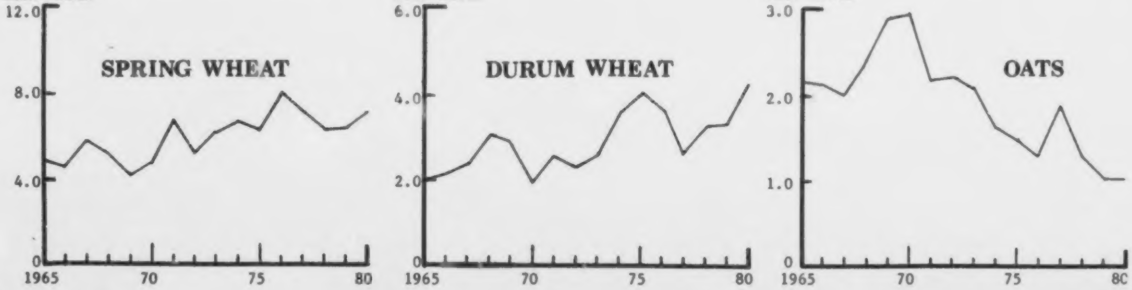
IRRIGATION

DURUM WHEAT AND SPRING WHEAT OTHER THAN DURUM

Irrigated Acreage, Yield and Production by Counties, 1979 (Revised) and 1980 (Preliminary)

County	1979 Irrigated					1980 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					DURUM WHEAT					
Divide	200	200	60.0	60.0	12,000	300	300	40.0	40.0	12,000
Ward	---	---	---	---	---	400	400	30.0	30.0	12,000
Williams	2,100	2,100	45.0	45.0	94,500	2,500	2,500	39.0	39.0	97,500
Benson	200	200	45.0	45.0	9,000	1,000	1,000	38.0	38.0	38,000
McHenry	100	100	60.0	60.0	6,000	300	300	30.0	30.0	9,000
McKenzie	500	500	53.0	53.0	26,500	800	800	45.0	45.0	36,000
McLean	700	700	45.0	45.0	31,500	1,600	1,500	28.1	29.9	44,900
Mercer	---	---	---	---	---	200	100	12.5	25.0	2,500
Foster	100	100	50.0	50.0	5,000	400	400	12.0	12.0	4,800
Kidder	---	---	---	---	---	300	300	43.0	43.0	12,900
Stutsman	---	---	---	---	---	200	---	---	---	---
Barnes	100	100	50.0	50.0	5,000	---	---	---	---	---
Cass	200	200	60.0	60.0	12,000	700	600	40.3	47.0	28,200
Griggs	---	---	---	---	---	400	400	28.0	28.0	11,200
Burleigh	200	200	65.0	65.0	13,000	---	---	---	---	---
Dickey	---	---	---	---	---	500	500	45.0	45.0	22,500
LaMoure	---	---	---	---	---	300	300	38.0	38.0	11,400
STATE	4,400	4,400	48.8	48.8	214,500	9,900	9,400	34.6	36.5	342,900
					SPRING WHEAT OTHER THAN DURUM					
Divide	200	200	60.0	60.0	12,000	400	400	40.0	40.0	16,000
Ward	---	---	---	---	---	100	100	25.0	25.0	2,500
Williams	700	700	40.0	40.0	28,000	600	600	45.0	45.0	27,000
Benson	300	300	44.0	44.0	13,200	---	---	---	---	---
McHenry	100	100	60.0	60.0	6,000	100	100	14.0	14.0	1,400
Grand Forks	---	---	---	---	---	300	300	50.0	50.0	15,000
Pembina	---	---	---	---	---	200	200	50.0	50.0	10,000
McKenzie	3,900	3,900	53.0	53.0	206,700	3,200	2,900	40.8	45.0	130,500
McLean	300	300	45.0	45.0	13,500	700	700	36.0	36.0	25,200
Mercer	100	100	50.0	50.0	5,000	---	---	---	---	---
Eddy	200	200	55.0	55.0	11,000	---	---	---	---	---
Foster	100	100	50.0	50.0	5,000	800	400	10.5	21.0	8,400
Kidder	---	---	---	---	---	200	200	27.0	27.0	5,400
Barnes	200	200	45.0	45.0	9,000	700	500	20.0	28.0	14,000
Cass	---	---	---	---	---	400	300	37.5	50.0	15,000
Griggs	---	---	---	---	---	500	500	40.0	40.0	20,000
Traill	---	---	---	---	---	300	300	50.0	50.0	15,000
Burleigh	---	---	---	---	---	400	400	35.0	35.0	14,000
Grant	100	100	32.0	32.0	3,200	100	100	30.0	30.0	3,000
Morton	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Sioux	---	---	---	---	---	200	200	30.0	30.0	6,000
Dickey	300	300	40.0	40.0	12,000	200	200	50.0	50.0	10,000
LaMoure	100	100	40.0	40.0	4,000	200	200	25.0	25.0	5,000
Logan	---	---	---	---	---	100	100	20.0	20.0	2,000
STATE	6,700	6,700	49.5	49.5	331,600	9,800	8,800	35.6	39.6	348,400

PLANTED ACRES



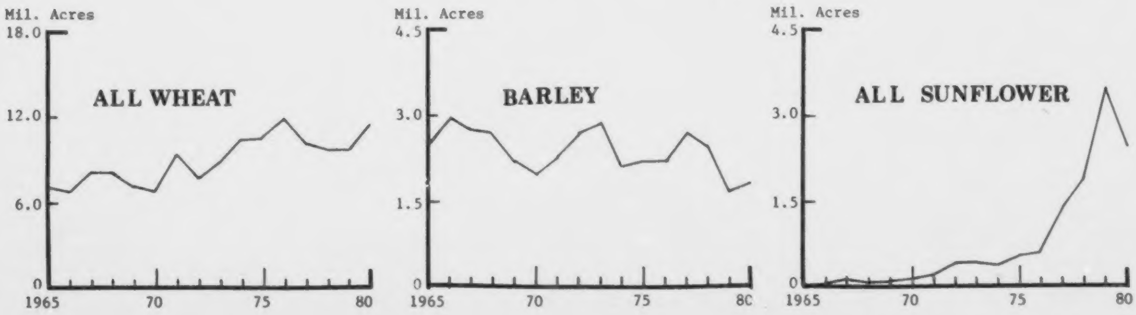
IRRIGATION CONT.

ALL WHEAT AND BARLEY

Irrigated Acreage, Yield and Production by Counties, 1979 (Revised) and 1980 (Preliminary)

County	1979 Irrigated					1980 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					ALL WHEAT					
Divide	400	400	60.0	60.0	24,000	700	700	40.0	40.0	28,000
Ward	---	---	---	---	---	500	500	29.0	29.0	14,500
Williams	2,800	2,800	43.8	43.8	122,500	3,100	3,100	40.2	40.2	124,500
Benson	500	500	44.4	44.4	22,200	1,000	1,000	38.0	38.0	38,000
McHenry	200	200	60.0	60.0	12,000	400	400	26.0	26.0	10,400
Grand Forks	---	---	---	---	---	300	300	50.0	50.0	15,000
Pembina	---	---	---	---	---	200	200	50.0	50.0	10,000
McKenzie	4,400	4,400	53.0	53.0	233,200	4,000	3,700	41.6	45.0	166,500
McLean	1,000	1,000	45.0	45.0	45,000	2,300	2,200	30.5	31.9	70,100
Mercer	100	100	50.0	50.0	5,000	200	100	12.5	25.0	2,500
Eddy	200	200	55.0	55.0	11,000	---	---	---	---	---
Foster	200	200	50.0	50.0	10,000	1,200	800	11.0	16.5	13,200
Kidder	---	---	---	---	---	500	500	36.6	36.6	18,300
Stutsman	---	---	---	---	---	200	---	---	---	---
Barnes	300	300	46.7	46.7	14,000	700	500	20.0	28.0	14,000
Cass	200	200	60.0	60.0	12,000	1,100	900	39.3	48.0	43,200
Griggs	---	---	---	---	---	900	900	34.7	34.7	31,200
Traill	---	---	---	---	---	300	300	50.0	50.0	15,000
Burleigh	200	200	65.0	65.0	13,000	400	400	35.0	35.0	14,000
Grant	100	100	32.0	32.0	3,200	100	100	30.0	30.0	3,000
Morton	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Sioux	---	---	---	---	---	200	200	30.0	30.0	6,000
Dickey	300	300	40.0	40.0	12,000	700	700	46.4	46.4	32,500
Lamoure	100	100	40.0	40.0	4,000	500	500	32.8	32.8	16,400
Ransom	---	---	---	---	---	100	100	20.0	20.0	2,000
STATE	11,100	11,100	49.2	49.2	546,100	19,700	18,200	35.1	38.0	691,300
					BARLEY					
Divide	100	100	70.0	70.0	7,000	---	---	---	---	---
Williams	100	100	80.0	80.0	8,000	400	300	37.5	50.0	15,000
Benson	300	300	75.0	75.0	22,500	100	100	65.0	65.0	6,500
McKenzie	200	200	75.0	75.0	15,000	200	200	80.0	80.0	16,000
McLean	200	200	60.0	60.0	12,000	400	400	90.0	90.0	36,000
Mercer	---	---	---	---	---	100	100	60.0	60.0	6,000
Oliver	---	---	---	---	---	100	100	80.0	80.0	8,000
Kidder	---	---	---	---	---	200	200	50.0	50.0	10,000
Griggs	---	---	---	---	---	100	100	100.0	100.0	10,000
Traill	---	---	---	---	---	100	100	100.0	100.0	10,000
Burleigh	---	---	---	---	---	200	200	70.0	70.0	14,000
Emmons	200	200	80.0	80.0	16,000	400	300	25.0	33.3	10,000
Morton	---	---	---	---	---	100	100	70.0	70.0	7,000
Sioux	---	---	---	---	---	100	100	20.0	20.0	2,000
Dickey	300	300	70.0	70.0	21,000	500	500	90.0	90.0	45,000
Ransom	100	100	80.0	80.0	8,000	200	200	60.0	60.0	12,000
STATE	1,500	1,500	73.0	73.0	109,500	3,200	3,000	64.8	69.2	207,500

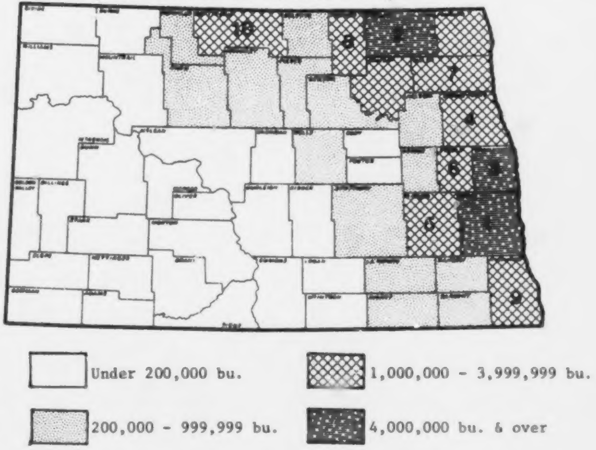
PLANTED ACRES



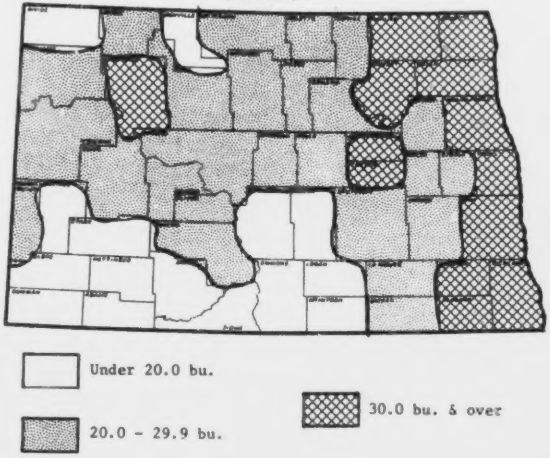
BARLEY: Acreage, Yield and Production by Counties
1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	12,500	6,500	12.3	23.7	154,000
Divide	5,700	4,000	13.2	18.8	75,000
Mountrail	7,200	5,600	23.5	30.2	169,000
Renville	37,000	29,000	14.1	18.0	523,000
Ward	31,000	22,000	17.0	24.0	527,000
Williams	6,600	3,900	12.4	21.0	82,000
Northwest	100,000	71,000	15.3	21.5	1,530,000
Benson	38,500	29,000	18.1	24.0	697,000
Bottineau	93,000	76,000	19.0	23.3	1,768,000
McHenry	28,500	19,000	14.6	21.9	416,000
Pierce	26,000	17,500	16.3	24.2	424,000
Rolette	44,000	33,500	20.2	26.6	890,000
North Central	230,000	175,000	18.2	24.0	4,195,000
Cavalier	155,000	140,000	39.9	44.2	6,190,000
Grand Forks	140,000	110,000	23.6	30.0	3,300,000
Nelson	29,000	26,000	21.3	23.7	617,000
Pembina	55,000	45,500	31.6	38.2	1,738,000
Ramsey	56,000	41,500	24.4	32.9	1,364,000
Towner	73,000	61,000	24.8	29.7	1,813,000
Walsh	82,000	56,000	22.2	32.5	1,818,000
Northeast	590,000	480,000	28.5	35.1	16,840,000
Dunn	7,900	1,900	5.1	21.1	40,000
McKenzie	7,000	3,100	11.0	24.8	77,000
McLean	7,100	5,800	16.8	20.5	119,000
Mercer	4,000	1,300	6.5	20.0	26,000
Oliver	7,000	4,900	20.9	29.8	146,000
West Central	33,000	17,000	12.4	24.0	408,000
Eddy	5,000	4,500	32.2	35.8	161,000
Foster	6,500	3,600	19.1	34.4	124,000
Kidder	11,500	5,900	8.5	16.6	98,000
Sheridan	12,500	9,500	15.9	20.9	199,000
Stutsman	23,000	17,000	16.3	22.1	376,000
Wells	34,500	25,500	21.5	29.1	742,000
Central	93,000	66,000	18.3	25.8	1,700,000
Barnes	110,000	105,000	28.1	29.4	3,091,000
Cass	175,000	170,000	41.2	42.4	7,213,000
Griggs	37,000	30,000	17.7	21.8	655,000
Steele	83,000	80,000	27.4	28.4	2,274,000
Traill	125,000	120,000	37.0	38.6	4,627,000
East Central	530,000	505,000	33.7	35.4	17,860,000
Adams	9,500	2,300	2.3	9.6	22,000
Billings	3,000	1,000	5.7	17.0	17,000
Bowman	13,000	4,900	5.8	15.3	75,000
Golden Valley	9,500	3,500	8.2	22.3	78,000
Hettinger	7,000	3,300	8.0	17.0	56,000
Slope	12,500	2,900	3.6	15.5	45,000
Stark	8,500	4,100	7.3	15.1	62,000
Southwest	63,000	22,000	5.6	16.1	355,000
Burleigh	9,000	4,500	5.8	11.6	52,000
Emmons	9,100	2,600	2.6	9.2	24,000
Grant	15,000	4,900	5.0	15.3	75,000
Morton	19,000	6,000	7.9	25.2	151,000
Sioux	3,900	1,000	2.1	8.0	8,000
South Central	56,000	19,000	5.5	16.3	310,000
Dickey	26,000	25,500	23.3	23.8	606,000
LaMoure	21,000	19,000	25.8	28.5	541,000
Logan	4,700	4,000	15.5	18.3	73,000
McIntosh	9,300	5,500	7.5	12.7	70,000
Ransom	26,000	24,000	29.0	31.4	754,000
Richland	42,000	41,500	42.9	43.4	1,800,000
Sargent	26,000	25,500	36.8	37.6	958,000
Southeast	155,000	145,000	31.0	33.1	4,802,000
STATE	1,850,000	1,500,000	25.9	32.0	48,000,000

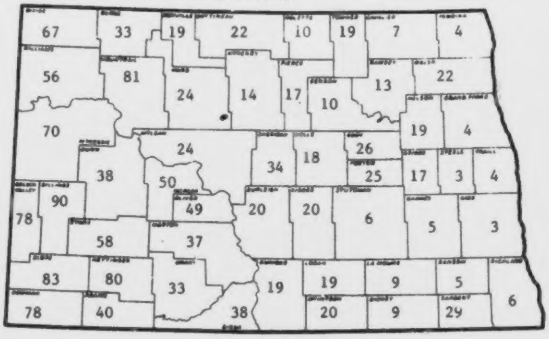
BARLEY, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



BARLEY, 1980 - Yield per Harvested Acre
(Bushels)



BARLEY - 1980
Percent Planted on Summer Fallow
(Percent)



BARLEY: Acreage, Yield and Production by Counties,
1979 (Revised) and 5-Year Average, 1975-79

District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	13,000	12,000	25.8	27.9	335,000	16,800	15,900	32.0	33.7	541,800
Divide	6,300	6,000	29.4	30.8	185,000	10,400	9,800	32.1	34.1	341,900
Mountrail	10,000	10,000	29.5	29.5	295,000	10,100	9,700	33.9	35.1	349,700
Renville	38,000	37,500	28.9	29.3	1,100,000	31,600	31,000	34.5	35.4	1,114,900
Ward	32,000	31,500	35.0	35.6	1,120,000	35,900	35,200	37.1	37.8	1,361,500
Williams	6,700	6,000	30.6	34.2	205,000	11,000	10,400	33.3	35.1	362,400
Northwest	106,000	103,000	30.6	31.5	3,240,000	115,800	112,000	34.6	35.7	4,072,100
Benson	42,500	41,000	40.4	41.8	1,715,000	67,300	64,900	35.2	36.2	2,302,500
Bottineau	81,000	76,000	26.8	28.6	2,170,000	87,300	82,000	31.8	33.6	2,803,100
McHenry	28,500	27,000	42.5	44.8	1,210,000	26,700	25,100	33.3	34.9	882,100
Pierce	30,000	29,000	36.2	37.4	1,085,000	35,500	34,500	32.9	33.8	1,143,900
Rolette	44,000	43,000	39.1	40.0	1,720,000	48,600	47,300	39.3	40.2	1,905,100
North Central	226,000	216,000	35.0	36.6	7,900,000	265,400	253,900	34.3	35.7	9,036,600
Cavalier	171,000	167,000	50.5	51.7	8,638,000	186,200	183,200	43.3	44.1	8,103,100
Grand Forks	118,000	117,000	52.4	52.8	6,178,000	145,000	143,500	45.4	45.9	6,536,100
Nelson	36,000	35,500	43.6	44.2	1,569,000	63,600	62,500	36.0	36.6	2,245,600
Pembina	43,500	43,000	56.0	56.6	2,435,000	81,700	80,800	51.4	51.9	4,134,800
Ramsey	54,000	51,500	43.5	45.6	2,350,000	100,100	96,500	37.8	39.3	3,710,800
Towner	72,000	68,000	41.5	44.0	2,990,000	95,600	92,900	39.3	40.6	3,735,100
Walsh	88,500	86,000	51.9	53.4	4,590,000	121,500	118,300	45.7	46.9	5,495,200
Northeast	583,000	568,000	49.3	50.6	28,750,000	793,800	777,700	43.2	44.1	33,960,800
Dunn	7,000	6,300	30.0	33.3	210,000	9,200	8,300	31.3	34.0	286,700
McKenzie	9,000	8,500	33.3	35.3	300,000	10,600	9,700	34.0	36.9	367,000
McLean	11,500	11,000	35.7	37.3	410,000	13,800	13,500	37.5	38.3	522,500
Mercer	3,500	3,300	25.7	27.3	90,000	4,600	4,200	28.3	30.2	128,700
Oliver	7,000	6,900	42.9	43.5	300,000	6,300	5,500	37.5	41.1	232,100
West Central	38,000	36,000	34.5	36.4	1,310,000	44,600	41,300	34.6	36.9	1,536,900
Eddy	6,000	5,700	37.3	39.3	224,000	12,400	11,800	33.5	35.1	406,900
Foster	10,500	9,300	39.0	44.1	410,000	18,200	17,300	35.6	37.7	636,900
Kidder	12,500	12,500	33.2	33.2	415,000	13,100	11,900	24.2	25.6	318,800
Sheridan	13,000	13,000	32.8	32.8	426,000	14,800	13,600	29.3	30.8	434,800
Stutsman	23,000	22,500	37.0	37.8	850,000	51,000	47,400	36.4	38.5	1,806,000
Wells	35,000	31,000	38.1	43.1	1,335,000	50,100	44,900	35.3	39.1	1,769,800
Central	100,000	94,000	36.6	38.9	3,660,000	159,700	147,000	34.2	36.7	5,373,100
Barnes	88,000	87,500	49.2	49.5	4,330,000	116,200	113,400	43.2	44.2	5,009,000
Cass	139,000	138,000	56.1	56.5	7,800,000	175,700	162,300	44.3	46.9	7,675,100
Griggs	25,000	25,000	46.8	46.8	1,170,000	46,500	45,700	40.1	40.7	1,817,100
Steele	64,000	64,000	52.5	52.5	3,360,000	89,000	88,500	45.8	46.0	4,030,000
Traill	103,000	102,500	58.8	59.1	6,060,000	113,500	110,200	51.4	52.8	5,849,100
East Central	419,000	417,000	54.2	54.5	22,720,000	541,000	520,100	45.4	46.9	24,380,200
Adams	4,100	4,100	28.0	28.0	115,000	5,800	5,600	30.4	31.4	176,700
Billings	1,100	1,100	30.0	30.0	33,000	2,300	2,200	28.3	29.6	63,000
Bowman	8,300	6,800	27.7	33.8	230,000	9,800	9,200	30.4	32.9	297,200
Golden Valley	4,200	3,200	26.0	34.1	109,000	6,500	5,800	34.8	39.0	230,300
Hettinger	6,600	6,400	35.8	36.9	236,000	11,900	11,500	35.2	36.5	420,500
Slope	11,500	10,500	30.0	32.9	345,000	7,000	6,700	34.8	36.4	234,300
Stark	7,200	6,900	30.1	31.4	217,000	10,600	10,000	30.7	32.2	321,800
Southwest	43,000	39,000	29.9	32.9	1,285,000	53,900	50,900	32.4	34.3	1,743,800
Burleigh	8,100	7,900	25.9	26.6	210,000	14,300	12,200	26.7	29.3	390,000
Emmons	7,500	7,300	32.0	32.9	240,000	9,600	9,200	25.9	26.7	247,300
Grant	12,000	8,500	25.4	35.9	305,000	11,000	9,800	25.4	28.6	280,100
Morton	17,000	15,500	28.5	31.3	485,000	20,900	19,100	29.7	32.2	617,800
Sioux	3,400	2,800	13.2	16.1	45,000	3,400	3,100	21.7	23.0	73,400
South Central	48,000	42,000	26.8	30.6	1,285,000	59,200	53,400	27.3	29.8	1,608,600
Dickey	26,000	25,500	41.9	42.7	1,090,000	44,500	43,000	34.7	35.7	1,528,000
LaMoure	16,000	16,000	40.6	40.6	650,000	28,900	27,200	36.0	37.9	1,026,100
Logan	2,900	2,600	28.6	31.9	83,000	4,900	4,800	27.9	29.0	135,100
McIntosh	7,600	7,500	36.2	36.7	275,000	9,400	9,200	28.9	29.3	272,500
Ransom	24,000	24,000	46.7	46.7	1,120,000	33,200	31,000	36.5	38.8	1,176,800
Richland	42,500	42,000	42.8	43.3	1,820,000	74,000	70,200	36.9	38.4	2,668,300
Sargent	18,000	17,400	39.6	40.9	712,000	33,800	32,400	35.2	36.7	1,159,000
Southeast	137,000	135,000	42.0	42.6	5,750,000	228,700	217,700	35.6	37.1	7,965,700
STATE	1,700,000	1,650,000	44.6	46.0	75,900,000	2,262,000	2,174,000	39.9	41.4	89,678,000

1/ Totals may not add due to rounding.

BARLEY: Acreage, Yield and Production by Counties and Special Cropping Practices
1979 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	9,300	8,700	24.0	25.6	222,800	3,700	3,300	30.3	34.0	112,200
Divide	3,400	3,200	27.0	28.7	91,700	2,800	2,700	30.8	32.0	86,300
Mountrail	6,900	6,900	30.9	30.9	212,900	3,100	3,100	26.5	26.5	82,100
Renville	9,000	9,000	32.2	32.2	289,500	29,000	28,500	27.9	28.4	810,500
Ward	7,500	7,500	38.3	38.3	287,300	24,500	24,000	34.0	34.7	832,700
Williams	5,900	5,600	32.3	34.0	190,300	700	300	9.6	22.3	6,700
Northwest	42,000	40,900	30.8	31.7	1,294,500	63,800	61,900	30.3	31.2	1,930,500
Benson	7,700	7,200	35.5	38.0	273,700	34,500	33,500	41.1	42.4	1,418,800
Bottineau	13,000	12,500	31.7	32.9	411,500	68,000	63,500	25.9	27.7	1,758,500
McHenry	10,000	9,500	39.7	41.7	396,500	18,500	17,500	44.0	46.5	813,500
Pierce	6,500	6,500	39.9	39.9	259,100	23,500	22,500	35.1	36.7	825,900
Rolette	6,500	6,300	33.0	34.1	214,800	37,500	36,700	40.1	41.0	1,505,200
North Central	43,700	42,000	35.6	37.0	1,555,600	182,000	173,700	34.7	36.4	6,321,900
Cavalier	15,000	14,000	47.9	51.3	717,800	156,000	153,000	50.8	51.8	7,920,200
Grand Forks	7,000	7,000	55.2	55.2	386,100	111,000	110,000	52.2	52.7	5,791,900
Nelson	6,500	6,500	39.4	39.4	255,900	29,500	29,000	44.5	45.3	1,313,100
Pembina	4,500	4,500	44.8	44.8	201,800	39,000	38,500	57.3	58.0	2,233,200
Ramsey	19,000	18,000	43.3	45.7	822,500	35,000	33,500	43.6	45.6	1,527,500
Towner	11,000	10,500	41.6	43.6	457,300	61,000	57,500	41.5	44.0	2,532,700
Walsh	10,500	10,000	47.3	49.7	496,800	78,000	76,000	52.5	53.9	4,093,200
Northeast	73,500	70,500	45.4	47.4	3,338,200	509,500	497,500	49.9	51.1	25,411,800
Dunn	2,000	2,000	35.0	35.0	70,000	5,000	4,300	28.0	32.6	140,000
McKenzie	6,600	6,600	35.3	35.3	233,000	2,200	1,700	23.6	30.6	52,000
McLean	4,100	4,000	33.2	34.0	136,100	7,200	6,800	36.4	38.5	261,900
Mercer	1,500	1,500	33.5	33.5	50,200	2,000	1,800	19.9	22.1	39,800
Oliver	1,600	1,600	50.0	50.0	80,000	5,400	5,300	40.7	41.5	220,000
West Central	15,800	15,700	36.0	36.3	569,300	21,800	19,900	32.7	35.9	713,700
Eddy	1,000	900	43.5	48.3	43,500	5,000	4,800	36.1	37.6	180,500
Foster	1,800	1,700	42.0	44.5	75,600	8,700	7,600	38.4	44.0	334,400
Kidder	2,500	2,500	29.6	29.6	74,000	10,000	10,000	34.1	34.1	341,000
Sheridan	4,300	4,300	35.7	35.7	153,600	8,700	8,700	31.3	31.3	272,400
Stutsman	4,500	4,500	46.6	46.6	209,600	18,500	18,000	34.6	35.6	640,400
Wells	7,500	7,300	36.1	37.1	270,700	27,500	23,700	38.7	44.9	1,064,300
Central	21,600	21,200	38.3	39.0	827,000	78,400	72,800	36.1	38.9	2,833,000
Barnes	10,500	10,000	38.9	40.9	408,600	77,500	77,500	50.6	50.6	3,921,400
Cass	5,500	5,500	57.1	57.1	314,100	133,500	132,500	56.1	56.5	7,485,900
Griggs	3,500	3,500	56.0	56.0	196,000	21,500	21,500	45.3	45.3	974,000
Steele	6,000	6,000	49.9	49.9	299,200	58,000	58,000	52.8	52.8	3,060,800
Traill	2,000	2,000	54.8	54.8	109,600	101,000	100,500	58.9	59.2	5,950,400
East Central	27,500	27,000	48.3	49.2	1,327,500	391,500	390,000	54.6	54.9	21,392,500
Adams	1,000	1,000	34.3	34.3	34,300	3,100	3,100	26.0	26.0	80,700
Billings	900	900	30.6	30.6	27,500	200	200	27.5	27.5	5,500
Bowman	6,000	5,600	30.7	32.9	184,100	2,300	1,200	20.0	38.3	45,900
Golden Valley	3,500	2,800	27.4	34.2	95,800	700	400	18.9	33.0	13,200
Hettinger	4,400	4,400	37.7	37.7	166,000	2,200	2,000	31.8	35.0	70,000
Slope	9,200	9,100	33.4	33.8	307,600	2,300	1,400	16.3	26.7	37,400
Stark	3,600	3,400	31.0	32.9	111,700	3,600	3,500	29.3	30.1	105,300
Southwest	28,600	27,200	32.4	34.1	927,000	14,400	11,800	24.9	30.3	358,000
Burleigh	2,300	2,300	32.2	32.2	74,100	5,800	5,600	23.4	24.3	135,900
Emmons	1,300	1,300	26.6	26.6	34,600	6,000	5,800	31.6	32.7	189,400
Grant	4,500	2,000	20.0	45.0	90,000	7,500	6,500	28.7	33.1	215,000
Morton	3,500	3,500	36.0	36.0	126,000	13,500	12,000	26.6	29.9	359,000
Sioux	1,400	1,400	18.9	18.9	26,500	2,000	1,400	9.3	13.2	18,500
South Central	13,000	10,500	27.0	33.4	351,200	34,800	31,300	26.4	29.3	917,800
Dickey	3,200	2,700	41.7	49.4	133,400	22,500	22,500	41.6	41.6	935,600
LaMoure	1,500	1,500	47.8	47.8	71,700	14,500	14,500	39.9	39.9	578,300
Logan	300	300	33.7	33.7	10,100	2,600	2,300	28.0	31.7	72,900
McIntosh	1,300	1,300	32.0	32.0	41,600	6,300	6,200	37.0	37.6	233,400
Ransom	1,400	1,400	39.6	39.6	55,500	22,500	22,500	47.0	47.0	1,056,500
Richland	2,500	2,500	50.4	50.4	125,900	40,000	39,500	42.4	42.9	1,694,100
Sargent	2,500	2,400	43.8	45.6	109,400	15,500	15,000	38.9	40.2	602,600
Southeast	12,700	12,100	43.1	45.3	547,600	123,900	122,500	41.8	42.2	5,173,400
STATE	278,400	267,100	38.6	40.2	10,737,900	1,420,100	1,381,400	45.8	47.1	65,052,600

1/ See page 34 for irrigated acres.

June 1981

BARLEY: Acreage, Yield and Production by Counties and Special Cropping Practices, 1979 (Revised) 1/

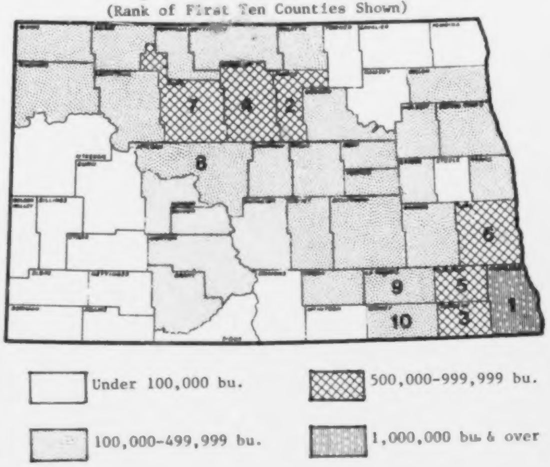
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	9,300	8,700	24.0	25.6	222,800	3,700	3,300	30.3	34.0	112,200
Divide	3,400	3,200	27.0	28.7	91,700	2,800	2,700	30.8	32.0	86,300
Mountrail	6,900	6,900	30.9	30.9	212,900	3,100	3,100	26.5	26.5	82,100
Renville	9,000	9,000	32.2	32.2	289,500	29,000	28,500	27.9	28.4	810,500
Ward	7,500	7,500	38.3	38.3	287,300	24,500	24,000	34.0	34.7	832,700
Williams	5,900	5,600	32.3	34.0	190,300	700	300	9.6	22.3	6,700
Northwest	42,000	40,900	30.8	31.7	1,294,500	63,800	61,900	30.3	31.2	1,930,500
Benson	7,700	7,200	35.5	38.0	273,700	34,500	33,500	41.1	42.4	1,418,800
Bottineau	13,000	12,500	31.7	32.9	411,500	68,000	63,500	25.9	27.7	1,758,500
McHenry	10,000	9,500	39.7	41.7	396,500	18,500	17,500	44.0	46.5	813,500
Pierce	6,500	6,500	39.9	39.9	259,100	23,500	22,500	35.1	36.7	825,900
Rolette	6,500	6,300	33.0	34.1	214,800	37,500	36,700	40.1	41.0	1,505,200
North Central	43,700	42,000	35.6	37.0	1,555,600	182,000	173,700	34.7	36.4	6,321,900
Cavalier	15,000	14,000	47.9	51.3	717,800	156,000	153,000	50.8	51.8	7,920,200
Grand Forks	7,000	7,000	55.2	55.2	386,100	111,000	110,000	52.2	52.7	5,791,900
Nelson	6,500	6,500	39.4	39.4	255,900	29,500	29,000	44.5	45.3	1,313,100
Pembina	4,500	4,500	44.8	44.8	201,800	39,000	38,500	57.3	58.0	2,233,200
Ramsey	19,000	18,000	43.3	45.7	822,500	35,000	33,500	43.6	45.6	1,527,500
Towner	11,000	10,500	41.6	43.6	457,300	61,000	57,500	41.5	44.0	2,532,700
Walsh	10,500	10,000	47.3	49.7	496,800	78,000	76,000	52.5	53.9	4,093,200
Northeast	73,500	70,500	45.4	47.4	3,338,200	509,500	497,500	49.9	51.1	25,411,800
Dunn	2,000	2,000	35.0	35.0	70,000	5,000	4,300	28.0	32.6	140,000
McKenzie	6,600	6,600	35.3	35.3	233,000	2,200	1,700	23.6	30.6	52,000
McLean	4,100	4,000	33.2	34.0	136,100	7,200	6,800	36.4	38.5	261,900
Mercer	1,500	1,500	33.5	33.5	50,200	2,000	1,800	19.9	22.1	39,800
Oliver	1,600	1,600	50.0	50.0	80,000	5,400	5,300	40.7	41.5	220,000
West Central	15,800	15,700	36.0	36.3	569,300	21,800	19,900	32.7	35.9	713,700
Eddy	1,000	900	43.5	48.3	43,500	5,000	4,800	36.1	37.6	180,500
Foster	1,800	1,700	42.0	44.5	75,600	8,700	7,600	38.4	44.0	334,400
Kidder	2,500	2,500	29.6	29.6	74,000	10,000	10,000	34.1	34.1	341,000
Sheridan	4,300	4,300	35.7	35.7	153,600	8,700	8,700	31.3	31.3	272,400
Stutsman	4,500	4,500	46.6	46.6	209,600	18,500	18,000	34.6	35.6	640,400
Wells	7,500	7,300	36.1	37.1	270,700	27,500	23,700	38.7	44.9	1,064,300
Central	21,600	21,200	38.3	39.0	827,000	78,400	72,800	36.1	38.9	2,833,000
Barnes	10,500	10,000	38.9	40.9	408,600	77,500	77,500	50.6	50.6	3,921,400
Cass	5,500	5,500	57.1	57.1	314,100	133,500	132,500	56.1	56.5	7,485,900
Griggs	3,500	3,500	56.0	56.0	196,000	21,500	21,500	45.3	45.3	974,000
Steele	6,000	6,000	49.9	49.9	299,200	58,000	58,000	52.8	52.8	3,060,800
Traill	2,000	2,000	54.8	54.8	109,600	101,000	100,500	58.9	59.2	5,950,400
East Central	27,500	27,000	48.3	49.2	1,327,500	391,500	390,000	54.6	54.9	21,392,500
Adams	1,000	1,000	34.3	34.3	34,300	3,100	3,100	26.0	26.0	80,700
Billings	900	900	30.6	30.6	27,500	200	200	27.5	27.5	5,500
Bowman	6,000	5,600	30.7	32.9	184,100	2,300	1,200	20.0	38.3	45,900
Golden Valley	3,500	2,800	27.4	34.2	95,800	700	400	18.9	33.0	13,200
Hettinger	4,400	4,400	37.7	37.7	166,000	2,200	2,000	31.8	35.0	70,000
Slope	9,200	9,100	33.4	33.8	307,600	2,300	1,400	16.3	26.7	37,400
Stark	3,600	3,400	31.0	32.9	111,700	3,600	3,500	29.3	30.1	105 300
Southwest	28,600	27,200	32.4	34.1	927,000	14,400	11,800	24.9	30.3	358,000
Burleigh	2,300	2,300	32.2	32.2	74,100	5,800	5,600	23.4	24.3	135,900
Emmons	1,300	1,300	26.6	26.6	34,600	6,000	5,800	31.6	32.7	189,400
Grant	4,500	2,000	20.0	45.0	90,000	7,500	6,500	28.7	33.1	215,000
Morton	3,500	3,500	36.0	36.0	126,000	13,500	12,000	26.6	29.9	359,000
Sioux	1,400	1,400	18.9	18.9	26,500	2,000	1,400	9.3	13.2	18,500
South Central	13,000	10,500	27.0	33.4	351,200	34,800	31,300	26.4	29.3	917,800
Dickey	3,200	2,700	41.7	49.4	133,400	22,500	22,500	41.6	41.6	935,600
LaMoure	1,500	1,500	47.8	47.8	71,700	14,500	14,500	39.9	39.9	578,300
Logan	300	300	33.7	33.7	10,100	2,600	2,300	28.0	31.7	72,900
McIntosh	1,300	1,300	32.0	32.0	41,600	6,300	6,200	37.0	37.6	233,400
Ransom	1,400	1,400	39.6	39.6	55,500	22,500	22,500	47.0	47.0	1,056,500
Richland	2,500	2,500	50.4	50.4	125,900	40,000	39,500	42.4	42.9	1,694,100
Sargent	2,500	2,400	43.8	45.6	109,400	15,500	15,000	38.9	40.2	602,600
Southeast	12,700	12,100	43.1	45.3	547,600	123,900	122,500	41.8	42.2	5,173,400
STATE	278,400	267,100	38.6	40.2	10,737,900	1,420,100	1,381,400	45.8	47.1	65,052,600

1/ See page 34 for irrigated acres.

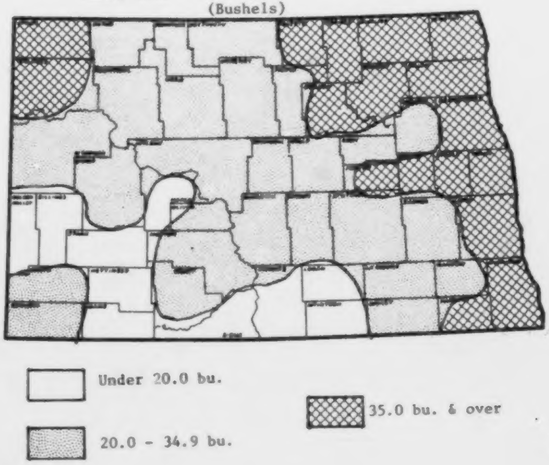
OATS: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	6,500	6,200	30.3	31.8	197,000
Divide	10,000	7,800	30.3	38.8	303,000
Mountrail	15,000	7,800	16.3	31.4	245,000
Renville	17,000	12,200	21.9	30.6	373,000
Ward	34,500	20,900	15.4	25.5	532,000
Williams	11,000	5,100	16.7	36.1	184,000
Northwest	94,000	60,000	19.5	30.6	1,834,000
Benson	10,600	7,900	28.8	38.6	305,000
Bottineau	12,000	9,100	23.8	31.3	285,000
McHenry	35,500	23,000	17.9	27.7	636,000
Pierce	27,900	23,000	27.7	33.7	774,000
Rolette	12,000	7,000	22.4	38.4	269,000
North Central	98,000	70,000	23.2	32.4	2,269,000
Cavalier	3,000	2,000	30.0	45.0	90,000
Grand Forks	10,300	7,300	25.5	36.0	263,000
Nelson	7,800	5,000	16.9	26.4	132,000
Pembina	2,400	1,300	28.8	53.1	69,000
Ramsey	2,500	2,000	30.0	37.5	75,000
Towner	2,300	1,100	17.4	36.4	40,000
Walsh	5,700	4,300	26.5	35.1	151,000
Northeast	34,000	23,000	24.1	35.7	820,000
Dunn	35,500	2,600	1.6	21.9	57,000
McKenzie	22,000	2,800	3.1	24.3	68,000
McLean	32,500	19,400	14.7	24.6	478,000
Mercer	26,500	6,300	4.2	17.5	110,000
Oliver	28,500	7,900	7.4	26.6	210,000
West Central	145,000	39,000	6.4	23.7	923,000
Eddy	11,500	10,700	31.6	33.9	363,000
Foster	11,000	8,500	30.3	39.2	333,000
Kidder	34,500	9,800	5.7	20.0	196,000
Sheridan	17,000	7,300	10.5	24.4	178,000
Stutsman	32,500	16,400	12.0	23.8	390,000
Wells	13,500	6,300	14.8	31.7	200,000
Central	120,000	59,000	13.8	28.1	1,660,000
Barnes	18,000	12,800	19.1	26.8	343,000
Cass	12,500	12,200	43.4	44.4	542,000
Griggs	7,800	5,900	30.3	40.0	236,000
Steele	2,400	2,300	36.3	37.8	87,000
Traill	3,300	2,800	43.3	51.1	143,000
East Central	44,000	36,000	30.7	37.5	1,351,000
Adams	14,000	1,900	1.4	10.5	20,000
Billings	10,500	1,200	2.2	19.2	23,000
Bowman	31,500	3,300	2.8	26.7	88,000
Golden Valley	9,000	2,200	4.3	17.7	39,000
Hettinger	14,500	4,600	5.7	17.8	82,000
Slope	9,500	1,900	5.6	27.9	53,000
Stark	36,000	6,900	2.6	13.6	94,000
Southwest	125,000	22,000	3.2	18.1	399,000
Burleigh	30,000	6,600	6.5	29.7	196,000
Emmons	56,000	4,200	1.2	15.5	65,000
Grant	43,500	9,400	4.5	20.7	195,000
Morton	58,000	6,900	2.5	21.3	147,000
Sioux	17,500	3,900	2.3	10.5	41,000
South Central	205,000	31,000	3.1	20.8	644,000
Dickey	26,500	16,000	16.7	27.6	442,000
LaMoure	26,500	18,500	18.0	25.8	477,000
Logan	33,000	10,500	4.7	14.7	154,000
McIntosh	31,500	8,000	2.9	11.5	92,000
Ransom	20,000	16,000	27.7	34.6	554,000
Richland	28,000	23,000	40.0	48.7	1,120,000
Sargent	19,500	18,000	39.0	42.3	761,000
Southeast	185,000	110,000	19.5	32.7	3,600,000
STATE	1,050,000	450,000	12.9	30.0	13,500,000

OATS, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



OATS, 1980 - Yield per Harvested Acre
(Bushels)



OATS: Acreage, Yield and Production by Counties, 1979 (Revised) and 5-Year Average, 1975-79

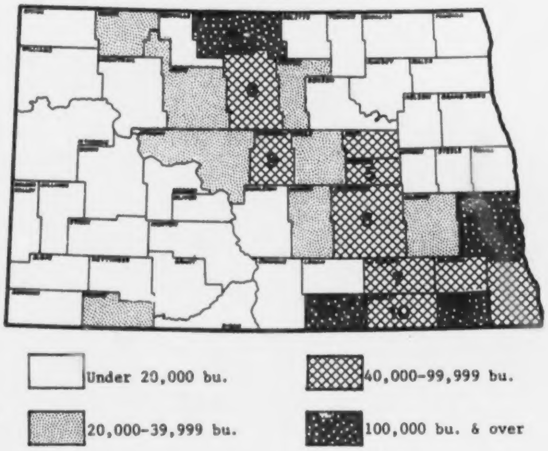
District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	6,000	5,000	30.3	36.4	182,000	13,400	11,900	38.6	43.7	533,200
Divide	9,500	6,800	28.9	40.4	275,000	11,900	10,100	35.8	43.4	428,900
Mountrail	20,500	15,000	26.0	35.5	532,000	23,800	20,300	35.0	41.0	833,700
Renville	13,000	12,700	33.7	34.5	438,000	20,800	19,700	40.9	43.1	851,100
Ward	35,000	32,000	42.1	46.0	1,472,000	46,300	43,000	43.4	46.8	1,963,100
Williams	15,000	11,500	26.1	34.0	391,000	21,200	17,300	35.6	43.9	754,700
Northwest	99,000	83,000	33.2	39.6	3,290,000	137,500	122,300	39.2	44.3	5,364,700
Benson	9,900	7,500	23.8	31.5	236,000	19,300	16,600	31.6	35.9	593,400
Bottineau	9,600	8,000	28.8	34.5	276,000	27,400	26,000	39.1	41.9	1,096,900
McHenry	39,500	29,500	29.7	39.7	1,172,000	54,800	48,100	32.9	37.2	1,743,800
Pierce	22,000	14,500	24.7	37.4	543,000	33,500	29,000	29.9	34.7	986,700
Rolette	7,000	6,000	25.3	29.5	177,000	17,000	16,000	32.6	34.8	559,100
North Central	88,000	65,500	27.3	36.7	2,404,000	152,000	135,800	33.3	37.5	4,979,900
Cavalier	3,500	2,600	30.6	41.2	107,000	12,300	11,500	38.8	42.9	498,700
Grand Forks	8,000	7,000	52.5	60.0	420,000	17,400	16,800	50.8	53.6	876,900
Nelson	8,500	7,400	36.1	41.5	307,000	18,100	16,400	35.3	39.2	618,300
Pembina	2,500	2,300	41.6	45.2	104,000	8,700	8,400	48.7	50.9	431,200
Ramsey	3,000	2,900	39.0	40.3	117,000	7,300	6,700	40.3	43.1	288,400
Towner	4,700	3,400	31.1	42.9	146,000	6,900	6,200	34.5	39.5	241,400
Walsh	4,800	3,900	45.6	56.2	219,000	15,400	14,400	45.6	49.8	705,000
Northeast	35,000	29,500	40.6	48.1	1,420,000	86,100	80,400	42.3	46.1	3,660,000
Dunn	35,000	21,000	22.5	37.5	787,000	41,700	31,500	32.0	41.8	1,339,900
McKenzie	27,500	13,000	18.9	40.0	520,000	27,200	17,700	28.4	42.7	769,500
McLean	33,000	27,000	31.8	38.9	1,051,000	38,400	33,300	38.9	44.4	1,480,100
Mercer	26,000	18,500	32.7	46.0	851,000	27,600	22,100	34.4	42.3	931,600
Oliver	23,500	20,500	38.4	44.0	902,000	21,200	16,800	34.9	42.5	738,000
West Central	145,000	100,000	28.4	41.1	4,111,000	156,200	121,400	34.0	42.9	5,259,100
Eddy	13,000	12,000	36.8	39.8	478,000	19,000	17,200	32.2	35.3	596,800
Foster	8,000	6,500	38.6	47.5	309,000	12,200	11,100	38.4	42.3	463,200
Kidder	35,000	32,500	33.3	35.8	1,164,000	41,800	34,400	29.5	33.7	1,192,900
Sheridan	20,500	15,500	33.5	44.3	686,000	25,200	19,700	31.2	39.2	778,600
Stutsman	28,500	27,000	46.7	49.3	1,330,000	50,400	44,900	42.8	47.0	2,060,100
Wells	13,000	6,500	19.6	39.2	255,000	23,300	18,000	30.0	39.9	705,100
Central	118,000	100,000	35.8	42.2	4,222,000	171,900	145,300	34.7	40.2	5,796,700
Barnes	17,500	17,200	52.1	53.0	912,000	34,800	33,100	47.4	49.6	1,626,100
Cass	18,500	18,200	63.4	64.4	1,172,000	29,000	27,000	54.6	58.0	1,589,500
Griggs	11,000	10,600	45.8	47.5	504,000	16,600	15,400	37.3	40.5	606,700
Steele	4,100	4,100	58.3	58.3	239,000	10,000	9,700	49.7	51.4	490,100
Traill	4,900	4,900	62.4	62.4	306,000	12,100	11,400	56.2	59.4	683,000
East Central	56,000	55,000	55.9	57.0	3,133,000	102,600	96,600	49.2	52.1	4,995,500
Adams	14,500	9,000	23.3	37.6	338,000	19,500	14,200	28.6	39.1	558,300
Billings	9,900	6,000	30.9	51.0	306,000	10,000	7,300	33.2	45.6	331,800
Bowman	30,000	20,500	22.3	32.6	668,000	23,700	18,100	26.7	34.2	618,700
Golden Valley	7,600	4,000	13.2	25.0	100,000	13,200	9,900	33.0	43.5	457,200
Hettinger	14,000	13,000	47.4	51.0	663,000	18,600	15,800	37.5	43.3	673,600
Slope	11,000	7,500	21.6	31.7	238,000	11,100	8,400	30.7	39.5	332,300
Stark	36,000	30,000	30.8	37.0	1,110,000	43,500	35,600	33.8	40.6	1,454,600
Southwest	123,000	90,000	27.8	38.0	3,423,000	139,600	109,200	32.0	40.4	4,426,400
Burleigh	41,000	31,500	32.3	42.0	1,323,000	46,900	34,700	31.5	40.9	1,499,800
Emmons	49,000	37,000	30.2	40.0	1,480,000	57,500	44,900	30.1	37.5	1,738,900
Grant	40,000	28,000	26.6	38.0	1,063,000	42,900	34,200	29.0	36.1	1,230,800
Morton	52,000	35,000	30.6	45.5	1,593,000	58,400	44,500	32.7	42.1	1,919,500
Sioux	18,000	13,500	22.9	30.6	413,000	13,900	10,900	27.4	34.0	386,800
South Central	200,000	145,000	29.4	40.5	5,872,000	219,600	169,300	30.7	39.1	6,775,700
Dickey	28,500	28,200	48.0	48.5	1,368,000	38,800	37,100	43.6	45.3	1,691,400
LaMoure	35,000	33,000	48.6	51.5	1,700,000	46,500	41,400	44.0	48.7	2,000,300
Logan	28,500	22,300	35.4	45.3	1,010,000	32,400	28,000	35.4	41.1	1,148,800
McIntosh	26,500	23,500	43.0	48.5	1,140,000	34,000	30,200	35.5	39.3	1,188,700
Ransom	21,500	21,500	59.5	59.5	1,280,000	29,700	26,600	46.8	51.1	1,376,200
Richland	28,000	27,500	62.4	63.5	1,747,000	40,300	37,900	51.3	54.1	2,126,600
Sargent	18,000	16,000	46.7	52.5	840,000	30,700	28,500	43.4	47.3	1,332,000
Southeast	186,000	172,000	48.8	52.8	9,085,000	252,500	229,700	43.3	47.3	10,864,000
STATE	1,050,000	840,000	35.2	44.0	36,960,000	1,418,000	1,210,000	37.1	43.4	52,122,000

1/ Totals may not add due to rounding.

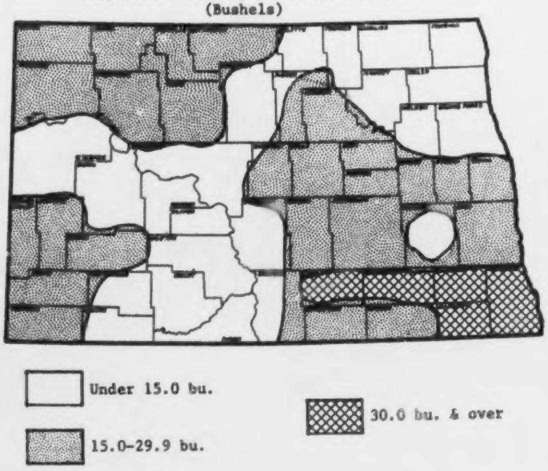
RYE: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,500	1,200	15.4	19.3	23,100
Divide	200	100	8.5	17.0	1,700
Mountrail	600	400	11.7	17.5	7,000
Renville	1,500	700	8.1	17.3	12,100
Ward	2,700	1,900	11.0	15.7	29,800
Williams	800	500	10.9	17.4	8,700
Northwest	7,300	4,800	11.3	17.2	82,400
Benson	1,100	500	8.4	18.4	9,200
Bottineau	8,000	5,800	14.4	19.8	115,100
McHenry	6,900	5,400	10.5	13.4	72,500
Pierce	2,000	1,500	16.1	21.5	32,200
Rolette	2,400	1,000	5.5	13.3	13,300
North Central	20,400	14,200	11.9	17.1	242,300
Cavalier	400	200	7.3	14.5	2,900
Grand Forks	1,300	600	6.6	14.3	8,600
Nelson	200	100	7.0	14.0	1,400
Pembina	1,800	1,100	9.2	15.0	16,500
Ramsey	200	100	7.0	14.0	1,400
Towner	600	300	7.2	14.3	4,300
Walsh	500	300	8.0	13.3	4,000
Northeast	5,000	2,700	7.8	14.5	39,100
Dunn	200	100	7.0	14.0	1,400
McKenzie	200	100	7.0	14.0	1,400
McLean	3,300	2,000	8.3	13.8	27,500
Mercer	200	100	7.0	14.0	1,400
Oliver	100	100	14.0	14.0	1,400
West Central	4,000	2,400	8.3	13.8	33,100
Eddy	3,200	2,000	14.8	23.7	47,400
Foster	5,600	3,100	15.7	28.4	87,900
Kidder	1,200	1,100	17.2	18.7	20,600
Sheridan	3,000	2,800	18.1	19.4	54,400
Stutsman	2,900	2,200	18.9	24.9	54,800
Wells	2,900	1,200	12.3	29.8	35,700
Central	18,800	12,400	16.0	24.3	300,800
Barnes	2,800	2,300	11.3	13.8	31,700
Cass	9,500	8,800	16.2	17.5	153,800
Griggs	400	300	11.8	15.7	4,700
Steele	300	200	10.3	15.5	3,100
Traill	100	100	16.0	16.0	1,600
East Central	13,100	11,700	14.9	16.7	194,900
Adams	2,200	1,500	9.2	13.5	20,300
Billings	500	100	3.2	16.0	1,600
Bowman	600	400	10.7	16.0	6,400
Golden Valley	100	100	16.0	16.0	1,600
Hettinger	2,700	700	3.5	13.4	9,400
Slope	700	200	4.6	16.0	3,200
Stark	1,800	400	5.5	24.8	9,900
Southwest	8,600	3,400	6.1	15.4	52,400
Burleigh	1,000	300	3.0	10.0	3,000
Emmons	500	200	4.0	10.0	2,000
Grant	1,100	400	3.6	10.0	4,000
Morton	100	100	10.0	10.0	1,000
Sioux	300	100	3.3	10.0	1,000
South Central	3,000	1,100	3.7	10.0	11,000
Dickey	2,300	2,000	23.4	26.9	53,800
LaMoure	1,800	1,700	34.6	36.6	62,200
Logan	500	400	27.0	33.8	13,500
McIntosh	8,700	7,200	19.8	23.9	172,000
Ransom	1,700	1,500	26.8	30.4	45,600
Richland	1,400	1,300	35.8	38.5	50,100
Sargent	3,400	3,200	34.4	36.5	116,800
Southeast	19,800	17,300	26.0	29.7	514,000
STATE	100,000	70,000	14.7	21.0	1,470,000

RYE, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



RYE, 1980 - Yield per Harvested Acre
(Bushels)



RYE: Acreage, Yield and Production by Counties,
1979 (Revised) and 5-Year Average, 1975-79

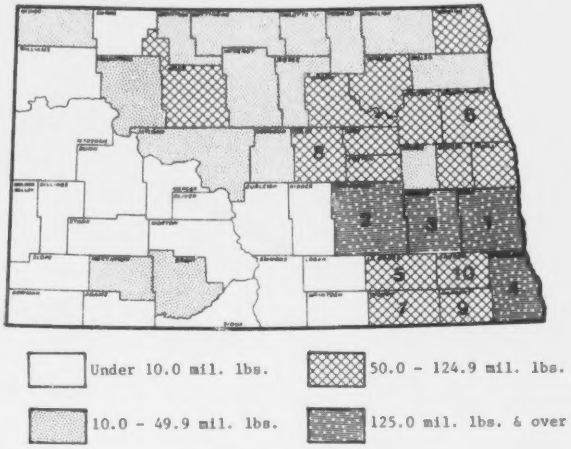
District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,900	1,700	20.9	23.4	39,800	1,700	1,400	19.8	23.4	34,700
Divide	400	400	23.5	23.5	9,400	1,000	900	19.3	23.0	19,300
Mountrail	1,300	1,100	21.7	25.6	28,200	1,600	1,400	20.7	23.5	34,500
Renville	3,900	3,400	17.9	20.5	69,700	3,000	2,600	22.3	25.2	64,300
Ward	6,000	5,800	28.5	29.5	171,100	2,900	2,600	22.4	24.6	71,900
Williams	1,900	1,700	26.2	29.3	49,800	3,300	2,700	21.4	26.4	75,800
Northwest	15,400	14,100	23.9	26.1	368,000	13,600	11,700	21.4	24.8	300,400
Benson	3,200	2,600	19.0	23.4	60,800	2,200	1,900	18.8	21.9	44,000
Bottineau	7,700	7,100	24.4	26.5	188,200	10,100	8,600	22.2	26.2	224,800
McHenry	15,200	12,500	19.9	24.2	302,500	11,000	8,800	18.8	23.6	206,500
Pierce	6,400	5,300	18.5	22.4	118,700	3,700	3,100	18.0	21.7	69,000
Rolette	4,100	3,800	19.4	20.9	79,400	2,100	1,800	22.1	24.9	42,600
North Central	36,600	31,300	20.5	23.9	749,600	29,100	24,200	19.9	24.2	587,000
Cavalier	500	500	30.2	30.2	15,100	500	500	26.4	27.5	13,200
Grand Forks	1,500	1,300	29.7	34.3	44,600	2,200	1,800	24.1	28.4	51,500
Nelson	200	200	28.5	28.5	5,700	200	200	25.7	25.7	5,100
Pembina	2,600	2,500	32.5	33.8	84,500	2,900	2,300	24.8	29.6	70,300
Ramsey	200	200	30.0	30.0	6,000	900	800	25.4	27.0	22,200
Towner	600	500	22.0	26.4	13,200	400	400	23.9	26.3	9,600
Walsh	600	500	24.7	29.6	14,800	200	200	25.8	27.0	5,000
Northeast	6,200	5,700	29.7	32.3	183,900	7,300	6,200	24.6	28.3	176,900
Dunn	300	300	21.0	21.0	6,300	300	300	21.7	21.7	5,700
McKenzie	400	400	24.0	24.0	9,600	500	400	21.7	24.3	11,300
McLean	6,400	6,000	30.6	32.6	195,600	5,500	5,000	24.8	26.9	138,000
Mercer	200	200	21.0	21.0	4,200	100	100	16.0	18.3	1,900
Oliver	100	100	21.0	21.0	2,100	100	100	18.3	18.3	1,500
West Central	7,400	7,000	29.4	31.1	217,800	6,400	5,900	24.2	26.2	158,400
Eddy	3,900	3,600	29.4	31.8	114,500	3,000	2,600	23.1	25.9	69,300
Foster	6,200	5,600	29.3	32.4	181,400	3,700	3,400	28.9	32.6	112,900
Kidder	5,000	4,200	10.8	12.9	54,200	3,800	3,300	17.0	19.1	62,400
Sheridan	2,600	2,400	16.2	17.5	42,000	1,400	1,200	20.6	22.1	27,600
Stutsman	7,800	6,600	25.9	30.6	202,000	8,800	7,600	24.6	29.0	226,700
Wells	5,600	5,000	32.1	35.9	179,500	4,100	3,700	26.0	29.3	113,700
Central	31,100	27,400	24.9	28.2	773,600	24,700	21,800	23.8	27.1	612,600
Barnes	1,800	1,700	25.8	27.3	46,400	3,300	3,000	25.3	29.0	88,600
Cass	8,400	6,600	26.1	33.2	219,100	3,500	2,800	27.4	32.9	93,200
Griggs	600	500	19.8	23.8	11,900	500	400	26.0	27.5	12,300
Steele	500	400	19.0	23.8	9,500	300	200	30.1	31.3	7,200
Traill	200	200	25.0	25.0	5,000	200	200	28.4	28.4	5,900
East Central	11,500	9,400	25.4	31.1	291,900	7,700	6,700	26.2	30.7	207,200
Adams	2,800	2,700	30.9	32.0	86,400	2,200	2,000	25.5	28.6	56,700
Billings	300	300	25.0	25.0	7,500	300	200	19.9	21.0	5,100
Bowman	900	800	34.0	38.3	30,600	800	600	23.8	28.7	19,400
Golden Valley	100	100	22.0	22.0	2,200	300	200	18.2	20.6	4,400
Hettinger	4,000	3,700	20.9	22.6	83,600	3,900	3,500	17.5	19.9	73,300
Slope	1,000	900	18.3	20.3	18,300	800	700	19.5	23.6	16,600
Stark	2,600	2,300	28.7	32.4	74,500	1,200	1,000	20.7	24.6	26,500
Southwest	11,700	10,800	25.9	28.1	303,100	9,400	8,200	20.6	23.6	202,000
Burleigh	1,800	1,700	12.8	13.5	23,000	1,500	1,300	18.5	21.6	29,200
Emmons	900	900	19.9	19.9	17,900	1,500	1,300	18.7	22.5	31,500
Grant	2,000	1,900	15.8	16.6	31,500	3,000	2,600	17.2	20.0	52,300
Morton	200	200	13.0	13.0	2,600	700	500	14.8	17.8	11,500
Sioux	200	200	14.5	14.5	2,900	100	100	15.9	15.9	1,600
South Central	5,100	4,900	15.3	15.9	77,900	6,800	5,800	17.5	20.6	126,000
Dickey	8,000	6,900	26.0	30.1	207,600	9,700	8,700	29.3	34.0	283,300
LaMoure	13,600	11,700	25.3	29.4	343,800	12,200	11,000	26.8	30.0	341,100
Logan	1,300	1,100	22.7	26.8	29,500	1,500	1,300	20.2	24.0	30,800
McIntosh	4,500	4,100	21.7	23.9	97,800	3,900	3,400	18.1	21.4	66,800
Ransom	7,000	6,200	26.8	30.3	187,700	5,900	5,300	24.8	28.7	147,500
Richland	4,200	3,800	31.9	35.2	133,900	3,500	3,100	28.2	31.6	99,200
Sargent	6,400	5,600	36.5	41.8	233,900	5,300	4,700	29.4	33.7	157,900
Southeast	45,000	39,400	27.4	31.3	1,234,200	41,900	37,500	26.5	30.2	1,126,700
STATE	170,000	150,000	24.7	28.0	4,200,000	147,000	128,000	23.2	26.9	3,497,200

1/ Totals may not add due to rounding.

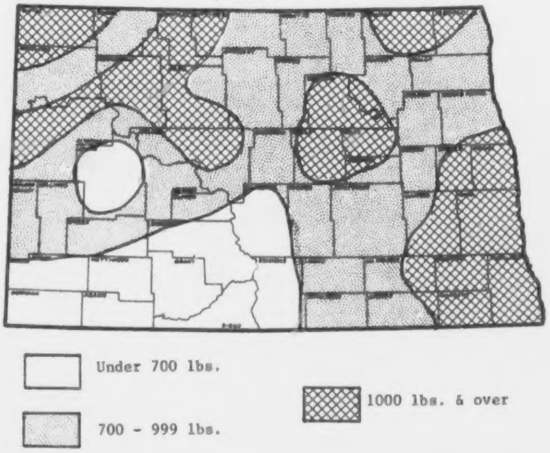
SUNFLOWER, ALL: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	12,000	9,600	750	930	8,943
Divide	11,500	11,000	1170	1220	13,400
Mountrail	10,500	10,000	1020	1070	10,749
Renville	25,000	24,000	1080	1130	27,026
Ward	67,000	66,000	960	970	64,186
Williams	4,000	3,400	810	950	3,237
Northwest	130,000	124,000	980	1030	127,541
Benson	75,000	68,000	960	1050	71,700
Bottineau	63,000	58,500	770	830	48,508
McHenry	36,000	33,500	870	930	31,208
Pierce	33,000	30,000	790	870	26,105
Rolette	23,000	20,000	750	860	17,198
North Central	230,000	210,000	850	930	194,719
Cavalier	49,000	40,000	830	1010	40,539
Grand Forks	120,000	116,000	820	850	98,563
Nelson	64,000	61,000	850	890	54,328
Pembina	74,000	69,000	930	990	68,517
Ramsey	74,000	69,000	930	990	68,517
Towner	42,000	36,000	790	920	33,168
Walsh	62,000	54,000	760	870	46,988
Northeast	485,000	445,000	850	920	410,620
Dunn	3,500	3,000	440	510	1,536
McKenzie	2,000	1,700	870	1020	1,740
McLean	27,500	26,800	1270	1300	34,843
Mercer	3,500	3,300	770	820	2,703
Oliver	2,500	2,200	810	920	2,027
West Central	39,000	37,000	1100	1160	42,849
Eddy	49,000	47,000	1140	1190	55,813
Foster	71,000	55,000	770	990	54,615
Kidder	8,000	7,500	710	760	5,682
Sheridan	22,000	20,500	720	780	15,949
Stutsman	190,000	175,000	840	910	159,442
Wells	110,000	85,000	780	1000	85,275
Central	450,000	390,000	840	970	376,776
Barnes	160,000	150,000	930	990	148,949
Cass	185,000	179,000	1050	1090	194,238
Griggs	59,000	48,000	750	920	44,224
Steele	67,000	66,000	1020	1030	68,240
Traill	69,000	67,000	1050	1090	72,704
East Central	540,000	510,000	980	1040	528,355
Adams	9,500	7,800	530	650	5,031
Billings	2,500	2,400	690	720	1,720
Bowman	4,000	3,800	580	610	2,334
Golden Valley	2,000	1,900	780	820	1,556
Hettinger	47,000	39,500	460	540	21,431
Slope	4,500	4,300	540	560	2,421
Stark	4,500	4,300	780	820	3,522
Southwest	74,000	64,000	510	590	38,015
Burleigh	12,000	11,000	530	570	6,306
Emmons	7,000	6,700	540	560	3,772
Grant	21,500	21,000	510	520	10,964
Morton	7,500	7,400	600	600	4,470
Sioux	4,000	3,900	550	560	2,196
South Central	52,000	50,000	530	550	27,708
Dickey	100,000	95,000	880	930	88,499
LaMoure	110,000	105,000	970	1010	106,414
Logan	11,000	10,500	850	890	9,352
McIntosh	13,000	12,500	720	750	9,341
Ransom	57,000	51,000	1330	1480	75,703
Richland	140,000	128,000	940	1020	131,035
Sargent	69,000	68,000	1110	1130	76,573
Southeast	500,000	470,000	990	1060	496,917
STATE	2,500,000	2,300,000	897	975	2,243,500

SUNFLOWER, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



SUNFLOWER, 1980 - Yield per Harvested Acre
(Pounds)



SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	12,000	9,600	750	930	8,943	----	----	----	----	----
Divide	11,500	11,000	1170	1220	13,400	----	----	----	----	----
Mountrail	10,500	10,000	1020	1070	10,749	----	----	----	----	----
Renville	24,500	23,500	1080	1130	26,578	500	500	900	900	448
Ward	64,500	63,500	960	980	62,195	2,500	2,500	800	800	1,991
Williams	4,000	3,400	810	950	3,237	----	----	----	----	----
Northwest	127,000	121,000	990	1030	125,102	3,000	3,000	810	810	2,439
Benson	68,000	62,200	960	1050	65,349	7,000	5,800	910	1100	6,351
Bottineau	54,000	51,000	740	780	39,997	9,000	7,500	950	1130	8,511
McHenry	34,000	31,600	850	920	28,995	2,000	1,900	1110	1160	2,213
Pierce	30,300	27,500	790	870	23,815	2,700	2,500	850	920	2,290
Rolette	22,700	19,700	750	860	16,959	300	300	800	800	239
North Central	209,000	192,000	840	910	175,115	21,000	18,000	930	1090	19,604
Cavalier	47,000	38,500	830	1010	39,076	2,000	1,500	730	980	1,463
Grand Forks	98,000	94,500	840	870	82,511	22,000	21,500	730	750	16,052
Nelson	59,000	56,300	850	890	50,304	5,000	4,700	800	860	4,024
Pembina	65,000	60,700	930	990	60,255	9,000	8,300	920	1000	8,262
Ramsey	68,000	63,700	940	1000	63,716	6,000	5,300	800	910	4,801
Towner	38,000	32,500	790	930	30,137	4,000	3,500	760	870	3,031
Walsh	60,000	52,300	750	860	45,127	2,000	1,700	930	1090	1,861
Northeast	435,000	398,500	850	930	371,126	50,000	46,500	790	850	39,494
Dunn	3,500	3,000	440	510	1,536	----	----	----	----	----
McKenzie	2,000	1,700	870	1020	1,740	----	----	----	----	----
McLean	25,500	24,800	1290	1320	32,852	2,000	2,000	1000	1000	1,991
Mercer	3,500	3,300	770	820	2,703	----	----	----	----	----
Oliver	2,500	2,200	810	920	2,027	----	----	----	----	----
West Central	37,000	35,000	1100	1170	40,858	2,000	2,000	1000	1000	1,991
Eddy	40,000	38,400	1120	1170	44,855	9,000	8,600	1220	1270	10,958
Foster	48,000	36,000	780	1030	37,214	23,000	19,000	760	920	17,401
Kidder	7,500	7,000	710	770	5,358	500	500	650	650	324
Sheridan	12,000	11,000	780	850	9,329	10,000	9,500	660	700	6,620
Stutsman	181,500	167,500	840	910	153,170	8,500	7,500	740	840	6,272
Wells	97,000	73,100	780	1040	76,035	13,000	11,900	710	780	9,240
Central	386,000	333,000	840	980	325,961	64,000	57,000	790	890	50,815
Barnes	151,000	142,600	950	1010	143,719	9,000	7,400	580	710	5,230
Cass	179,500	173,700	1060	1090	189,384	5,500	5,300	880	920	4,854
Griggs	55,500	44,700	730	910	40,610	3,500	3,300	1030	1100	3,614
Steele	62,000	61,200	1010	1020	62,602	5,000	4,800	1130	1170	5,638
Traill	51,000	49,800	1060	1090	54,212	18,000	17,200	1030	1080	18,492
East Central	499,000	472,000	980	1040	490,527	41,000	38,000	920	1000	37,828
Adams	9,500	7,800	530	650	5,031	----	----	----	----	----
Billings	2,500	2,400	690	720	1,720	----	----	----	----	----
Bowman	4,000	3,800	580	610	2,334	----	----	----	----	----
Golden Valley	2,000	1,900	780	820	1,556	----	----	----	----	----
Hettinger	46,000	38,500	440	530	20,386	1,000	1,000	1050	1050	1,045
Slope	4,500	4,300	540	560	2,421	----	----	----	----	----
Stark	4,500	4,300	780	820	3,522	----	----	----	----	----
Southwest	73,000	63,000	510	590	36,970	1,000	1,000	1050	1050	1,045
Burleigh	12,000	11,000	530	570	6,306	----	----	----	----	----
Emmons	7,000	6,700	540	560	3,772	----	----	----	----	----
Grant	21,500	21,000	510	520	10,964	----	----	----	----	----
Morton	7,500	7,400	600	600	4,470	----	----	----	----	----
Sioux	4,000	3,900	550	560	2,196	----	----	----	----	----
South Central	52,000	50,000	530	550	27,708	----	----	----	----	----
Dickey	91,000	86,300	900	950	81,830	9,000	8,700	740	770	6,669
LaMoure	100,000	95,600	980	1030	98,179	10,000	9,400	820	880	8,235
Logan	10,500	10,000	850	890	8,904	500	500	900	900	448
McIntosh	13,000	12,500	720	750	9,341	----	----	----	----	----
Ransom	45,000	40,500	1410	1560	63,264	12,000	10,500	1040	1180	12,439
Richland	136,500	124,600	940	1030	128,090	3,500	3,400	840	870	2,945
Sargent	56,000	56,000	1160	1160	65,225	13,000	12,000	870	950	11,348
Southeast	452,000	425,500	1010	1070	454,833	48,000	44,500	880	950	42,084
STATE	2,270,000	2,090,000	900	980	2,048,200	230,000	210,000	850	930	195,300

SUNFLOWER, ALL: Acreage, Yield and Production by Counties, 1978 and 1979 (Revised)

District and County	1978					1979				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	3,300	3,300	1140	1140	3,767	15,500	15,000	780	810	12,100
Divide	5,400	5,400	1150	1150	6,220	13,000	13,000	1160	1160	15,075
Mountrail	9,900	9,700	1010	1030	9,976	16,000	16,000	940	940	15,005
Renville	7,700	7,700	1230	1230	9,503	28,000	28,000	1060	1060	29,647
Ward	24,000	24,000	1340	1340	32,087	77,500	74,500	1030	1070	79,632
Williams	14,500	14,500	1030	1030	14,935	20,000	19,500	860	880	17,107
Northwest	64,800	64,600	1180	1180	76,488	170,000	166,000	990	1020	168,566
Benson	58,000	57,500	1290	1300	74,750	113,000	105,500	1170	1250	131,781
Bottineau	61,600	61,400	1150	1150	70,724	102,000	99,500	1020	1050	104,294
McHenry	16,700	16,700	1180	1180	19,751	47,500	47,500	1510	1510	71,827
Pierce	6,500	6,500	2780	2780	18,060	44,500	34,500	1060	1360	46,966
Rolette	6,500	6,500	1130	1130	7,345	30,000	30,000	1410	1410	42,352
North Central	149,300	148,600	1280	1280	190,630	337,000	317,000	1180	1250	397,220
Cavalier	25,800	25,800	1380	1380	35,555	82,500	81,000	1530	1560	126,603
Grand Forks	127,900	127,700	1330	1330	169,841	171,000	170,000	1310	1320	223,914
Nelson	50,400	50,400	1170	1170	59,090	106,000	105,000	1190	1200	125,852
Pembina	57,400	57,200	1550	1560	89,232	131,000	129,000	1490	1510	194,855
Ramsey	36,900	36,000	1180	1210	43,560	113,000	112,000	1320	1330	149,031
Towner	15,000	15,000	1180	1180	17,741	59,500	59,000	1410	1420	83,888
Walsh	53,900	53,600	1290	1300	69,680	121,000	120,000	1300	1310	157,240
Northeast	367,300	365,700	1320	1330	484,699	784,000	776,000	1350	1370	1,061,383
Dunn	1,500	1,500	930	930	1,388	9,100	9,100	930	930	8,442
McKenzie	2,000	2,000	1130	1130	2,263	5,500	5,500	1030	1030	5,657
McLean	8,800	8,800	1360	1360	11,946	27,500	27,500	1640	1640	45,201
Mercer	1,600	1,600	980	980	1,563	1,900	1,900	1010	1010	1,916
Oliver	300	300	950	950	285	1,500	1,500	1010	1010	1,513
West Central	14,200	14,200	1230	1230	17,445	45,500	45,500	1380	1380	62,729
Eddy	49,100	49,100	1030	1030	50,496	63,000	49,000	790	1010	49,685
Foster	87,700	87,600	1120	1120	98,112	101,000	91,500	1100	1220	111,513
Kidder	5,400	5,400	1230	1230	6,664	14,500	14,000	1410	1460	20,470
Sheridan	11,800	11,800	1290	1290	15,170	25,500	25,500	1070	1070	27,257
Stutsman	133,100	133,000	1250	1250	166,875	233,000	232,000	1400	1410	326,860
Wells	86,800	86,700	1290	1290	111,843	144,000	129,000	1220	1370	176,307
Central	373,900	373,600	1200	1200	449,160	581,000	541,000	1230	1320	712,092
Barnes	128,100	125,500	1340	1370	171,935	195,000	195,000	1470	1470	286,633
Cass	221,500	220,200	1480	1490	328,098	294,000	293,000	1480	1490	436,447
Griggs	52,300	52,100	1250	1250	65,125	80,500	80,500	1310	1310	105,420
Steele	55,700	55,400	1480	1490	82,546	92,500	90,500	1570	1600	144,907
Traill	65,500	65,400	1740	1740	113,796	103,000	101,000	1500	1530	154,729
East Central	523,100	518,600	1460	1470	761,500	765,000	760,000	1470	1480	1,128,136
Adams	8,100	8,100	1100	1100	8,913	13,000	13,000	720	720	9,307
Billings	400	400	1030	1030	411	2,600	2,600	900	900	2,333
Bowman	1,300	1,300	870	870	1,136	5,400	5,400	850	850	4,574
Golden Valley	1,300	1,300	1560	1560	2,028	1,900	1,900	1140	1140	2,165
Hettinger	14,300	14,300	1130	1130	16,177	51,000	50,500	1100	1110	56,016
Slope	3,500	3,500	1000	1000	3,500	6,200	6,200	1200	1200	7,440
Stark	3,600	3,600	1250	1250	4,500	8,900	8,900	1030	1030	9,154
Southwest	32,500	32,500	1130	1130	36,665	89,000	88,500	1020	1030	90,989
Burleigh	4,500	4,500	1040	1040	4,680	19,000	18,000	860	910	16,336
Emmons	3,500	3,500	1100	1100	3,852	10,500	10,500	1310	1310	13,764
Grant	10,000	10,000	980	980	9,770	24,000	23,500	1280	1310	30,806
Morton	1,400	1,400	820	820	1,152	3,500	3,500	1320	1320	4,623
Sioux	800	800	870	870	699	4,500	4,500	1010	1010	4,538
South Central	20,200	20,200	1000	1000	20,153	61,500	60,000	1140	1170	70,067
Dickey	30,500	30,100	1350	1370	41,237	99,000	99,000	1420	1420	140,210
LaMoure	54,700	53,900	1260	1280	68,992	118,000	118,000	1510	1510	178,006
Logan	1,900	1,900	1200	1200	2,280	10,000	10,000	1010	1010	10,084
McIntosh	15,800	15,800	1130	1130	17,874	27,000	26,500	1070	1090	28,860
Ransom	64,700	64,300	1320	1330	85,519	89,000	88,500	1520	1520	134,854
Richland	149,700	149,500	1490	1490	222,943	198,000	196,000	1400	1410	276,389
Sargent	57,400	56,500	1210	1230	69,495	86,000	86,000	1450	1450	125,015
Southeast	374,700	372,000	1360	1370	508,340	627,000	624,000	1420	1430	893,418
STATE	1,920,000	1,910,000	1326	1333	2,545,080	3,460,000	3,378,000	1325	1357	4,584,600

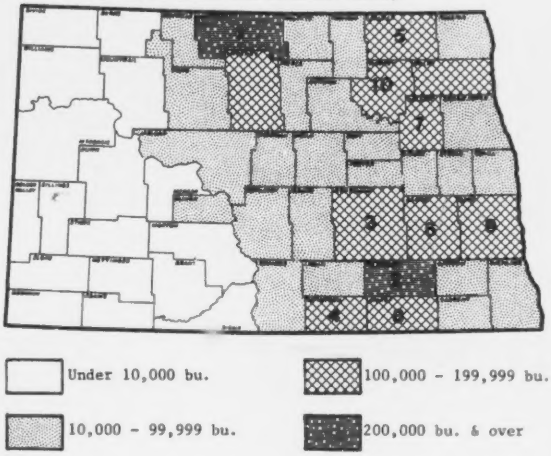
SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, 1979 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	15,500	15,000	780	810	12,100	---	---	---	---	---
Divide	13,000	13,000	1160	1160	15,075	---	---	---	---	---
Mountrail	16,000	16,000	940	940	15,005	---	---	---	---	---
Renville	28,000	28,000	1060	1060	29,647	---	---	---	---	---
Ward	77,500	74,500	1030	1070	79,632	---	---	---	---	---
Williams	19,900	19,400	850	870	16,967	100	100	1400	1400	140
Northwest	169,900	165,900	990	1020	168,426	100	100	1400	1400	140
Benson	110,900	103,400	1160	1250	128,791	2,100	2,100	1420	1420	2,990
Bottineau	100,900	98,400	1020	1050	103,194	1,100	1,100	1000	1000	1,100
McHenry	47,300	47,300	1510	1510	71,467	200	200	1800	1800	360
Pierce	44,500	34,500	1060	1360	46,966	---	---	---	---	---
Rolette	30,000	30,000	1410	1410	42,352	---	---	---	---	---
North Central	333,600	313,600	1180	1250	392,770	3,400	3,400	1310	1310	4,450
Cavalier	82,500	81,000	1530	1560	126,603	---	---	---	---	---
Grand Forks	158,500	157,500	1320	1330	209,584	12,500	12,500	1150	1150	14,330
Nelson	103,300	102,300	1190	1200	122,762	2,700	2,700	1140	1140	3,090
Pembina	127,100	125,100	1490	1510	189,045	3,900	3,900	1490	1490	5,810
Ramsey	112,200	111,200	1320	1330	148,041	800	800	1240	1240	990
Towner	59,500	59,000	1410	1420	83,388	---	---	---	---	---
Walsh	119,900	118,900	1300	1310	155,880	1,100	1,100	1240	1240	1,360
Northeast	763,000	755,000	1360	1370	1,035,803	21,000	21,000	1220	1220	25,580
Dunn	9,100	9,100	930	930	8,442	---	---	---	---	---
McKenzie	5,500	5,500	1030	1030	5,657	---	---	---	---	---
McLean	27,500	27,500	1640	1640	45,201	---	---	---	---	---
Mercer	1,900	1,900	1010	1010	1,916	---	---	---	---	---
Oliver	1,500	1,500	1010	1010	1,513	---	---	---	---	---
West Central	45,500	45,500	1380	1380	62,729	---	---	---	---	---
Eddy	57,500	43,500	780	1030	45,015	5,500	5,500	850	850	4,670
Foster	82,000	72,500	1080	1220	88,653	19,000	19,000	1200	1200	22,860
Kidder	14,500	14,000	1410	1460	20,470	---	---	---	---	---
Sheridan	25,500	25,500	1070	1070	27,257	---	---	---	---	---
Stutsman	223,000	222,000	1400	1410	312,540	10,000	10,000	1430	1430	14,320
Wells	131,500	117,500	1240	1390	163,127	12,500	11,500	1050	1150	13,180
Central	534,000	495,000	1230	1330	657,062	47,000	46,000	1170	1200	55,030
Barnes	186,400	186,400	1480	1480	276,693	8,600	8,600	1160	1160	9,940
Cass	281,000	280,000	1490	1490	418,447	13,000	13,000	1380	1380	18,000
Griggs	78,400	78,400	1310	1310	103,010	2,100	2,100	1150	1150	2,410
Steele	89,700	87,700	1570	1600	140,627	2,800	2,800	1530	1530	4,280
Traill	86,000	84,500	1530	1550	131,269	17,000	16,500	1380	1420	23,460
East Central	721,500	717,000	1480	1490	1,070,046	43,500	43,000	1340	1350	58,090
Adams	13,000	13,000	720	720	9,307	---	---	---	---	---
Billings	2,600	2,600	900	900	2,333	---	---	---	---	---
Bowman	5,400	5,400	850	850	4,574	---	---	---	---	---
Golden Valley	1,900	1,900	1140	1140	2,165	---	---	---	---	---
Hettinger	51,000	50,500	1100	1110	56,016	---	---	---	---	---
Slope	6,200	6,200	1200	1200	7,440	---	---	---	---	---
Stark	8,900	8,900	1030	1030	9,154	---	---	---	---	---
Southwest	89,000	88,500	1020	1030	90,989	---	---	---	---	---
Burleigh	19,000	18,000	860	910	16,336	---	---	---	---	---
Emmons	10,500	10,500	1310	1310	13,764	---	---	---	---	---
Grant	24,000	23,500	1280	1310	30,806	---	---	---	---	---
Morton	3,500	3,500	1320	1320	4,623	---	---	---	---	---
Sioux	4,500	4,500	1010	1010	4,538	---	---	---	---	---
South Central	61,500	60,000	1140	1170	70,067	---	---	---	---	---
Dickey	89,400	89,400	1440	1440	128,390	9,600	9,600	1230	1230	11,820
LaMoure	111,200	111,200	1510	1510	167,616	6,800	6,800	1530	1530	10,390
Logan	10,000	10,000	1010	1010	10,084	---	---	---	---	---
McIntosh	27,000	26,500	1070	1090	28,860	---	---	---	---	---
Ransom	77,000	77,000	1520	1520	117,384	12,000	11,500	1460	1520	17,470
Richland	192,400	190,400	1400	1420	269,709	5,600	5,600	1190	1190	6,680
Sargent	75,000	75,000	1460	1460	109,265	11,000	11,000	1430	1430	15,750
Southeast	582,000	579,500	1430	1430	831,308	45,000	44,500	1380	1400	62,110
STATE	3,300,000	3,220,000	1330	1360	4,379,200	160,000	158,000	1280	1300	205,400

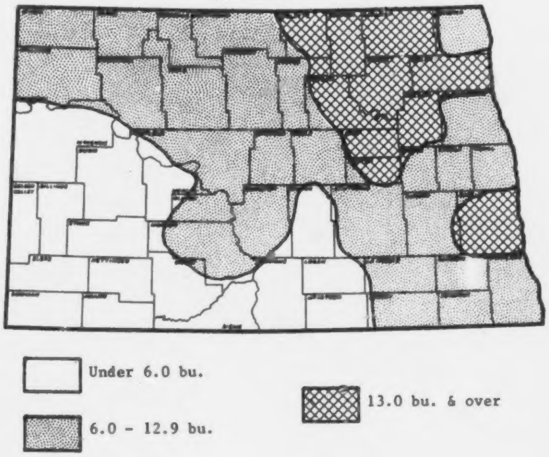
FLAXSEED: Acreage, Yield and Production by Counties, 1980 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,300	500	3.2	8.4	4,200
Divide	500	500	10.0	10.0	5,000
Mountrail	1,000	1,000	9.9	9.9	9,900
Renville	5,500	4,700	7.2	8.4	39,500
Ward	11,500	6,700	5.1	8.8	59,200
Williams	200	100	4.0	8.0	800
Northwest	20,000	13,500	5.9	8.8	118,600
Benson	8,500	6,700	11.0	14.0	93,500
Bottineau	25,000	19,000	9.4	12.4	235,100
McHenry	13,000	10,500	7.7	9.6	100,600
Pierce	8,000	6,900	9.4	10.9	75,500
Rolette	3,500	2,400	9.3	13.6	32,700
North Central	58,000	45,500	9.3	11.8	537,400
Cavalier	9,000	7,900	15.8	18.0	142,200
Grand Forks	8,000	5,800	8.7	12.0	69,500
Nelson	8,500	7,800	14.7	16.0	124,800
Pembina	4,500	4,000	10.7	12.0	48,000
Ramsey	9,500	8,500	12.1	13.5	115,000
Towner	5,500	3,800	10.4	15.1	57,400
Walsh	8,000	7,700	14.0	14.6	112,200
Northeast	53,000	45,500	12.6	14.7	669,100
Dunn	400	200	2.5	5.0	1,000
McKenzie	300	100	1.7	5.0	500
McLean	10,500	7,700	8.1	11.0	84,700
Mercer	2,000	1,900	5.0	5.2	9,900
Oliver	4,800	3,100	5.4	8.3	25,800
West Central	18,000	13,000	6.8	9.4	121,900
Eddy	4,500	4,300	12.9	13.5	58,200
Foster	4,000	3,000	12.1	16.1	48,400
Kidder	7,500	4,800	3.7	5.8	28,000
Sheridan	8,000	7,400	6.7	7.3	53,900
Stutsman	18,000	13,500	8.3	11.0	148,800
Wells	8,000	5,000	7.8	12.5	62,400
Central	50,000	38,000	8.0	10.5	399,700
Barnes	12,500	12,000	10.0	10.4	124,900
Cass	8,800	8,700	13.7	13.8	120,400
Griggs	5,400	5,300	10.2	10.4	55,200
Steele	5,100	4,500	9.6	10.9	49,200
Traill	3,700	3,500	8.5	8.9	31,300
East Central	35,500	34,000	10.7	11.2	381,000
Adams	700	300	2.3	5.3	1,600
Billings	1,000	400	2.1	5.3	2,100
Bowman	300	100	1.7	5.0	500
Golden Valley	100	---	---	---	---
Hettinger	1,800	1,600	4.2	4.7	7,500
Slope	---	---	---	---	---
Stark	100	100	4.0	4.0	400
Southwest	4,000	2,500	3.0	4.8	12,100
Burleigh	7,000	4,700	5.8	8.6	40,600
Emmons	15,000	10,000	3.1	4.7	46,700
Grant	1,500	800	2.8	5.3	4,200
Morton	700	400	4.1	7.3	2,900
Sioux	300	100	1.7	5.0	500
South Central	24,500	16,000	3.9	5.9	94,900
Dickey	16,500	15,500	7.3	7.8	121,000
LaMoure	23,000	22,500	10.2	10.4	234,200
Logan	16,000	12,000	4.4	5.8	69,900
McIntosh	40,500	32,000	3.6	4.6	147,200
Ransom	7,500	6,900	8.6	9.4	64,600
Richland	5,500	5,500	10.4	10.4	57,200
Sargent	8,000	7,600	8.9	9.4	71,200
Southeast	117,000	102,000	6.5	7.5	765,300
STATE	380,000	310,000	8.2	10.0	3,100,000

FLAXSEED, 1980 - Production by Counties
(Rank of First Ten Counties Shown)



FLAXSEED, 1980 - Yield per Harvested Acre
(Bushels)



FLAXSEED: Acreage, Yield and Production by Counties, 1979 (Revised) and 5-Year Average, 1975-79

District and County	1979					5-Year Average, 1975-79 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,100	4,100	7.7	7.7	31,500	4,300	4,100	9.2	9.9	38,800
Divide	1,000	1,000	15.0	15.0	15,000	2,100	2,000	11.3	11.7	25,400
Mountrail	2,000	2,000	9.5	9.5	18,900	3,500	2,800	7.9	9.3	25,900
Renville	14,000	13,500	10.2	10.6	143,300	14,400	13,900	10.5	10.9	147,800
Ward	21,500	20,500	10.7	11.2	230,500	24,000	21,900	9.8	10.6	230,700
Williams	400	400	10.5	10.5	4,200	2,000	1,800	8.8	9.3	16,400
Northwest	43,000	41,500	10.3	10.7	443,400	50,200	46,500	9.8	10.5	485,000
Benson	12,500	11,500	14.3	15.5	178,400	17,600	17,300	10.5	10.8	177,700
Bottineau	41,000	40,000	10.4	10.6	424,700	34,300	33,200	10.4	10.8	348,500
McHenry	18,500	18,000	10.2	10.5	189,300	20,200	19,400	9.4	9.7	186,000
Pierce	22,000	21,500	10.2	10.4	223,800	22,400	21,800	9.0	9.2	202,500
Rolette	8,000	8,000	10.9	10.9	87,400	6,700	6,500	10.6	11.0	70,300
North Central	102,000	99,000	10.8	11.1	1,103,600	101,100	98,200	9.9	10.1	985,000
Cavalier	9,100	9,100	15.8	15.8	144,000	5,700	5,500	13.2	13.7	76,800
Grand Forks	7,200	6,500	15.4	17.1	111,000	9,900	9,400	12.3	13.0	119,800
Nelson	11,000	10,500	12.0	12.6	132,300	16,000	15,200	9.1	9.5	144,300
Pembina	5,000	3,900	11.5	14.8	57,700	4,100	3,700	12.9	13.9	51,000
Ramsey	12,000	11,000	17.4	18.9	208,400	10,900	9,900	12.2	13.5	137,300
Towner	8,200	8,000	17.7	18.1	144,900	6,200	6,000	13.5	14.0	85,900
Walsh	10,500	9,000	13.5	15.7	141,500	8,600	7,900	11.9	12.9	101,900
Northeast	63,000	58,000	14.9	16.2	939,800	61,400	57,700	11.6	12.3	717,000
Dunn	600	600	8.0	8.0	4,800	700	600	7.8	8.7	5,200
McKenzie	500	500	9.4	9.4	4,700	1,100	1,000	7.9	8.4	7,600
McLean	18,000	17,500	11.6	12.0	209,600	19,000	17,900	9.9	10.3	176,800
Mercer	2,000	2,000	8.6	8.6	17,100	2,600	2,400	9.7	10.2	24,300
Oliver	2,900	2,900	10.5	10.5	30,500	6,900	6,400	9.9	10.3	67,500
West Central	24,000	23,500	11.1	11.3	266,700	30,300	28,300	9.8	10.2	281,400
Eddy	4,200	4,200	10.3	10.3	43,300	8,800	8,600	8.5	8.7	75,300
Foster	4,400	3,500	9.9	12.5	43,700	7,700	6,800	9.5	10.6	70,400
Kidder	9,500	9,000	9.9	10.4	93,700	10,900	10,100	8.1	8.6	87,000
Sheridan	9,400	9,300	9.5	9.6	89,100	10,400	10,400	8.6	8.7	89,700
Stutsman	15,500	15,000	16.0	16.6	248,300	21,500	20,700	11.1	11.6	226,600
Wells	12,000	10,000	9.5	11.5	114,500	25,700	24,400	9.3	10.0	233,500
Central	55,000	51,000	11.5	12.4	632,600	85,100	81,000	9.5	10.0	782,500
Barnes	14,500	14,000	15.3	15.8	221,500	18,500	17,400	12.3	13.1	224,300
Cass	10,500	10,500	20.0	20.0	209,900	10,200	8,300	12.8	14.4	121,800
Griggs	7,500	7,300	11.9	12.2	88,900	13,200	12,900	10.4	10.7	138,700
Steele	5,500	5,200	15.7	16.7	86,600	13,600	13,300	12.2	12.6	158,900
Traill	5,500	5,500	16.3	16.3	89,900	7,900	7,500	11.6	12.1	85,900
East Central	43,500	42,500	16.0	16.4	696,800	63,400	59,300	11.9	12.6	729,600
Adams	1,400	1,400	8.9	8.9	12,400	2,300	2,200	7.0	7.3	15,200
Billings	300	300	10.3	10.3	3,100	600	600	9.3	9.4	5,200
Bowman	600	600	9.7	9.7	5,800	1,500	1,500	9.1	9.2	11,800
Golden Valley	100	100	11.0	11.0	1,100	200	200	10.7	10.7	2,200
Hettinger	2,400	2,400	12.2	12.2	29,300	3,400	3,200	9.3	9.8	31,000
Slope	400	400	9.0	9.0	3,600	700	600	8.8	9.0	5,600
Stark	300	300	11.3	11.3	3,400	600	600	10.0	10.2	5,400
Southwest	5,500	5,500	10.7	10.7	58,700	9,300	8,800	8.7	9.0	76,400
Burleigh	7,700	7,000	7.8	8.5	59,800	11,900	11,200	8.2	8.6	101,100
Emmons	23,000	21,800	11.7	12.4	270,000	28,200	26,900	8.8	9.1	240,200
Grant	2,000	1,900	10.3	10.8	20,600	1,700	1,600	8.8	9.0	16,300
Morton	900	900	14.6	14.6	13,100	2,200	2,200	10.4	10.5	19,400
Sioux	400	400	11.0	11.0	4,400	900	900	7.7	7.9	6,400
South Central	34,000	32,000	10.8	11.5	367,900	44,900	42,800	8.7	9.1	383,400
Dickey	16,000	15,500	13.5	13.9	216,200	22,900	21,500	9.5	10.0	213,000
LaMoure	18,500	18,000	16.3	16.8	301,700	19,400	18,600	12.0	12.5	229,500
Logan	16,000	15,500	11.9	12.3	190,400	22,400	20,900	9.0	9.6	201,600
McIntosh	38,500	37,500	10.7	11.0	413,800	47,800	46,500	7.6	7.7	352,500
Ransom	7,500	7,300	17.1	17.6	128,400	5,000	4,500	11.2	12.5	59,900
Richland	6,000	5,800	16.5	17.1	99,000	8,000	7,200	12.2	13.2	93,900
Sargent	7,500	7,400	16.1	16.4	121,000	8,900	8,100	12.0	12.9	102,200
Southeast	110,000	107,000	13.4	13.7	1,470,500	134,400	127,400	9.5	10.0	1,252,600
STATE	480,000	460,000	12.5	13.0	5,980,000	580,000	550,000	10.0	10.5	5,693,000

1/ Totals may not add due to rounding.

June 1981

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage, by Counties, 1980 (Preliminary)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	600	600	---	---	---	600	3.5	2,100	---
Divide	100	100	100	20.0	2,000	---	---	---	---
Mountrail	1,500	1,100	---	---	---	900	3.1	2,800	200
Renville	1,200	1,000	---	---	---	1,000	3.5	3,500	---
Ward	2,500	2,300	200	60.0	12,000	2,100	3.9	8,100	---
Williams	600	600	---	---	---	600	13.7	8,200	---
Northwest	6,500	5,700	300	46.7	14,000	5,200	4.8	24,700	200
Benson	4,200	4,200	1,000	77.5	77,500	2,900	4.8	13,800	300
Bottineau	2,000	2,000	100	30.0	3,000	1,900	4.5	8,600	---
McHenry	9,300	9,100	100	70.0	7,000	8,200	6.9	56,800	800
Pierce	6,100	6,000	200	30.0	6,000	5,800	7.1	41,200	---
Rolette	900	800	---	---	---	700	6.4	4,500	100
North Central	22,500	22,100	1,400	66.8	93,500	19,500	6.4	124,900	1,200
Cavalier	700	700	---	---	---	700	6.6	4,600	---
Grand Forks	12,500	11,900	3,800	51.4	195,500	8,000	6.3	50,500	100
Nelson	2,000	2,000	800	50.0	40,000	1,200	4.8	5,800	---
Pembina	5,300	5,200	2,600	40.0	104,000	2,200	6.5	14,200	400
Ramsey	1,000	1,000	---	---	---	1,000	5.0	5,000	---
Towner	1,000	1,000	900	30.0	27,000	100	5.0	500	---
Walsh	5,500	5,400	1,800	50.0	90,000	3,500	5.1	17,800	100
Northeast	28,000	27,200	9,900	46.1	456,500	16,700	5.9	98,400	600
Dunn	21,000	19,300	---	---	---	17,000	2.7	45,600	2,300
McKenzie	3,200	2,700	100	72.0	7,200	2,400	13.0	31,200	200
McLean	5,500	5,200	200	75.0	15,000	4,600	7.2	33,000	400
Mercer	13,000	12,800	---	---	---	10,500	4.4	45,700	2,300
Oliver	9,300	8,400	100	20.0	2,000	5,800	5.6	32,700	2,500
West Central	52,000	48,400	400	60.5	24,200	40,300	4.7	188,200	7,700
Eddy	5,000	5,000	300	74.3	22,300	4,700	6.8	32,100	---
Foster	7,600	7,600	200	60.0	12,000	7,400	7.5	55,800	---
Kidder	15,000	14,800	1,800	90.0	162,000	12,500	5.4	67,200	500
Sheridan	2,500	2,500	---	---	---	2,200	4.0	8,900	300
Stutsman	17,000	16,300	900	61.1	55,000	14,500	4.9	71,500	900
Wells	11,900	11,000	1,500	40.0	60,000	8,700	6.8	58,800	800
Central	59,000	57,200	4,700	66.2	311,300	50,000	5.9	294,300	2,500
Barnes	12,500	12,000	5,000	43.5	217,600	6,900	3.9	26,700	100
Cass	59,000	58,400	53,000	52.9	2,802,800	5,400	6.4	34,300	---
Griggs	5,000	4,900	1,900	64.7	122,900	3,000	8.6	25,800	---
Steele	4,500	4,400	3,300	66.0	217,900	1,000	9.5	9,500	100
Traill	4,000	3,500	2,800	64.5	180,500	700	7.1	5,000	---
East Central	85,000	83,200	66,000	53.7	3,541,700	17,000	6.0	101,300	200
Adams	9,000	4,500	---	---	---	1,000	1.3	1,300	3,500
Billings	2,000	1,400	---	---	---	1,400	2.5	3,500	---
Bowman	3,500	2,800	---	---	---	2,000	1.5	3,000	800
Golden Valley	2,500	1,900	500	80.0	40,000	100	18.0	1,800	1,300
Hettinger	4,000	2,300	---	---	---	1,300	3.0	3,900	1,000
Slope	2,500	1,900	---	---	---	1,500	2.3	3,500	400
Stark	13,500	10,400	200	57.0	11,400	9,200	2.1	19,200	1,000
Southwest	37,000	25,200	700	73.4	51,400	16,500	2.2	36,200	8,000
Burleigh	19,500	18,400	1,200	43.3	52,000	14,500	4.1	60,000	2,700
Emmons	32,500	24,700	200	20.0	4,000	18,500	2.1	38,500	6,000
Grant	22,500	18,500	400	38.5	15,400	15,500	2.0	31,300	2,600
Morton	30,000	28,000	300	44.0	13,200	27,000	3.3	90,100	700
Sioux	5,500	3,500	---	---	---	2,500	1.5	3,800	1,000
South Central	110,000	93,100	2,100	40.3	84,600	78,000	2.9	223,700	13,000
Dickey	45,000	44,000	17,500	62.1	1,087,100	25,000	3.5	87,700	1,500
LaMoure	23,500	23,100	5,500	42.1	231,300	17,500	4.2	74,000	100
Logan	10,000	9,800	800	30.8	24,600	8,400	3.6	30,200	600
McIntosh	12,000	11,600	200	31.0	6,200	10,400	2.1	21,600	1,000
Ransom	47,000	43,800	35,500	47.2	1,674,700	6,500	5.4	34,900	1,800
Richland	125,000	123,400	116,000	66.0	7,657,800	7,000	4.0	27,800	400
Sargent	37,500	37,200	29,000	53.8	1,561,100	8,000	4.3	34,100	200
Southeast	300,000	292,900	204,500	59.9	12,242,800	82,800	3.7	310,300	5,600
STATE	700,000	655,000	290,000	58.0	16,820,000	326,000	4.3	1,402,000	39,000

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage, by Counties, 1979 (Revised)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	200	200	---	---	---	200	4.0	800	---
Divide	---	---	---	---	---	---	---	---	---
Mountrail	400	400	---	---	---	400	4.5	1,800	---
Renville	1,000	1,000	---	---	---	1,000	4.4	4,400	---
Ward	2,400	2,400	400	30.0	12,000	2,000	4.2	8,400	---
Williams	1,000	1,000	300	55.0	16,500	700	5.6	3,900	---
Northwest	5,000	5,000	700	40.7	28,500	4,300	4.5	19,300	---
Benson	3,500	3,300	1,200	80.0	96,000	1,900	6.5	12,400	200
Bottineau	1,600	1,500	700	60.0	42,000	800	6.0	4,800	---
McHenry	8,500	7,700	1,300	50.0	65,000	6,200	5.2	32,200	200
Pierce	3,000	3,000	200	25.0	5,000	2,800	5.3	14,800	---
Rolette	200	200	---	---	---	200	5.0	1,000	---
North Central	16,800	15,700	3,400	61.2	208,000	11,900	5.5	65,200	400
Cavalier	400	400	---	---	---	400	4.5	1,800	---
Grand Forks	11,500	11,500	7,000	75.0	525,000	4,400	8.8	38,700	100
Nelson	2,000	2,000	1,000	78.0	78,000	1,000	5.5	5,500	---
Pembina	3,500	3,500	1,000	75.0	75,000	2,500	4.5	11,300	---
Ramsey	500	500	---	---	---	500	6.0	3,000	---
Towner	300	300	200	60.0	12,000	100	6.0	600	---
Walsh	4,000	4,000	800	60.0	48,000	3,100	10.0	31,000	100
Northeast	22,200	22,200	10,000	73.8	738,000	12,000	7.7	91,900	200
Dunn	15,000	14,000	400	50.0	20,000	12,600	4.7	59,200	1,000
McKenzie	2,500	2,400	500	50.0	25,000	1,900	10.8	20,500	---
McLean	4,000	3,900	800	100.0	80,000	2,700	13.2	35,600	400
Mercer	8,000	8,000	200	40.0	8,000	7,500	5.5	41,300	300
Oliver	10,000	9,500	200	50.0	10,000	8,000	6.0	48,000	1,300
West Central	39,500	37,800	2,100	68.1	143,000	32,700	6.3	204,600	3,000
Eddy	5,000	5,000	100	100.0	10,000	4,900	7.0	34,300	---
Foster	6,000	4,500	600	125.0	75,000	3,900	7.8	30,500	---
Kidder	11,000	11,000	3,500	103.0	360,500	6,500	8.8	56,900	1,000
Sheridan	1,500	1,500	---	---	---	900	5.8	5,200	600
Stutsman	13,000	12,700	4,100	60.0	246,000	8,600	9.0	77,400	---
Wells	7,000	5,900	2,500	40.7	101,800	3,300	7.9	26,100	100
Central	43,500	40,600	10,800	73.5	793,300	28,100	8.2	230,400	1,700
Barnes	12,500	12,500	5,700	60.0	342,000	6,800	7.3	49,600	---
Cass	49,000	49,000	43,000	72.0	3,096,000	6,000	11.7	70,200	---
Griggs	3,000	3,000	300	120.0	36,000	2,700	11.0	29,700	---
Steele	2,500	2,500	1,500	80.0	120,000	1,000	11.4	11,400	---
Traill	2,000	2,000	1,500	90.0	135,000	500	13.0	6,500	---
East Central	69,000	69,000	52,000	71.7	3,729,000	17,000	9.8	167,400	---
Adams	7,500	7,400	400	40.0	16,000	6,700	4.5	30,200	300
Billings	1,000	1,000	---	---	---	500	4.0	2,000	500
Bowman	2,500	2,500	300	35.0	10,500	1,600	5.0	8,000	600
Golden Valley	2,500	2,500	400	120.0	48,000	1,400	6.0	8,400	700
Hettinger	1,500	1,200	300	45.0	13,500	700	4.4	3,100	200
Slope	2,000	2,000	---	---	---	2,000	3.6	7,200	---
Stark	8,000	7,900	---	---	---	6,100	3.7	22,600	1,800
Southwest	25,000	24,500	1,400	62.9	88,000	19,000	4.3	81,500	4,100
Burleigh	18,000	17,800	3,400	90.0	306,000	13,600	8.4	114,200	800
Emmons	23,000	22,500	3,800	73.9	280,800	17,300	4.8	83,000	1,400
Grant	17,000	17,000	2,800	55.0	154,000	13,000	4.7	61,100	1,200
Morton	23,000	22,700	1,900	30.0	57,000	20,500	5.9	120,000	300
Sioux	3,000	3,000	400	40.0	16,000	2,300	4.5	10,400	300
South Central	84,000	83,000	12,300	66.2	813,800	66,700	5.8	388,700	4,000
Dickey	45,500	45,400	29,000	77.0	2,233,000	16,000	6.6	105,600	400
LaMoure	21,000	21,000	10,000	84.0	840,000	10,700	9.2	98,400	300
Logan	7,500	7,500	1,000	80.0	80,000	6,000	6.0	36,000	500
McIntosh	9,000	7,500	1,300	70.0	91,000	6,000	5.7	34,200	200
Ransom	50,000	49,500	42,500	77.0	3,272,500	7,000	8.4	58,800	---
Richland	116,000	115,300	107,000	79.3	8,487,900	8,100	7.7	62,400	200
Sargent	36,000	36,000	29,500	76.0	2,242,000	6,500	6.7	43,600	---
Southeast	285,000	282,200	220,300	78.3	17,246,400	60,300	7.3	439,000	1,600
STATE	590,000	580,000	313,000	76.0	23,788,000	252,000	6.7	1,688,000	15,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, 1980 (Preliminary)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	5,000	.85	4,300	23,000	1.15	26,300	28,000	1.10	30,600
Divide	3,000	.70	2,100	22,000	1.15	25,200	25,000	1.10	27,300
Mountrail	22,000	.90	20,200	48,000	.90	43,000	70,000	.90	63,200
Renville	9,500	.50	4,900	5,000	1.30	6,500	14,500	.80	11,400
Ward	29,000	.60	17,800	47,000	.80	37,500	76,000	.75	55,300
Williams	21,500	1.45	31,700	15,000	.90	13,500	36,500	1.25	45,200
Northwest	90,000	.90	81,000	160,000	.95	152,000	250,000	.95	233,000
Benson	20,000	1.15	23,100	35,000	1.15	40,300	55,000	1.15	63,400
Bottineau	19,000	.75	14,400	40,000	.85	34,000	59,000	.80	48,400
McHenry	61,000	1.15	70,600	92,000	.85	78,400	153,000	.95	149,000
Pierce	20,000	1.05	21,200	37,000	.80	29,600	57,000	.90	50,800
Rolette	25,000	.90	22,700	26,000	.95	24,700	51,000	.95	47,400
North Central	145,000	1.05	152,000	230,000	.90	207,000	375,000	.95	359,000
Cavalier	6,000	.95	5,800	16,000	1.50	23,600	22,000	1.35	29,400
Grand Forks	15,500	1.00	15,800	11,000	.65	7,300	26,500	.85	23,100
Nelson	11,000	.65	6,900	23,500	1.15	27,500	34,500	1.00	34,400
Pembina	7,500	2.05	15,300	6,000	1.05	6,400	13,500	1.60	21,700
Ramsey	4,000	1.35	5,300	14,500	1.30	19,200	18,500	1.30	24,500
Towner	3,000	.95	2,800	14,000	1.35	19,200	17,000	1.30	22,000
Walsh	8,000	1.10	8,600	15,000	1.10	16,800	23,000	1.10	25,400
Northeast	55,000	1.10	60,500	100,000	1.20	120,000	155,000	1.15	180,500
Dunn	41,000	.35	14,700	43,000	.50	22,100	84,000	.45	36,800
McKenzie	19,000	1.40	26,400	42,000	.40	17,600	61,000	.70	44,000
McLean	21,000	.75	16,000	61,000	1.05	62,700	82,000	.95	78,700
Mercer	26,000	1.35	35,100	24,000	1.15	28,000	50,000	1.25	63,100
Oliver	28,000	.80	22,600	30,000	.65	19,600	58,000	.75	42,200
West Central	135,000	.85	114,800	200,000	.75	150,000	335,000	.80	264,800
Eddy	32,000	1.25	39,900	19,000	.95	18,100	51,000	1.15	58,000
Foster	20,000	1.15	22,900	13,000	1.20	15,600	33,000	1.15	38,500
Kidder	79,000	.70	55,100	90,000	.70	62,100	169,000	.70	117,200
Sheridan	10,000	1.15	11,500	32,000	1.30	41,600	42,000	1.25	53,100
Stutsman	62,000	.90	55,700	59,000	1.10	64,900	121,000	1.00	120,600
Wells	12,000	1.40	16,800	27,000	.95	25,700	39,000	1.10	42,500
Central	215,000	.95	201,900	240,000	.95	228,000	455,000	.95	429,900
Barnes	21,000	1.15	24,100	28,000	1.10	31,100	49,000	1.15	55,200
Cass	19,000	1.90	36,100	8,000	.80	6,300	27,000	1.55	42,400
Griggs	18,000	1.50	27,000	20,000	1.15	23,200	38,000	1.30	50,200
Steele	5,000	1.60	8,000	7,000	.95	6,600	12,000	1.20	14,600
Traill	7,000	1.90	13,300	7,000	.90	6,300	14,000	1.40	19,600
East Central	70,000	1.55	108,500	70,000	1.05	73,500	140,000	1.30	182,000
Adams	14,000	.45	6,400	23,000	.35	8,100	37,000	.40	14,500
Billings	6,000	.70	4,300	10,000	.70	7,000	16,000	.70	11,300
Bowman	18,000	.95	17,300	21,000	.60	12,700	39,000	.75	30,000
Golden Valley	10,000	.50	5,100	14,000	.40	5,600	24,000	.45	10,700
Hettinger	24,000	.50	12,100	15,000	.65	9,800	39,000	.55	21,900
Slope	11,000	.40	4,500	12,000	.45	5,400	23,000	.45	9,900
Stark	22,000	.60	13,300	35,000	.65	22,900	57,000	.65	36,200
Southwest	105,000	.60	63,000	130,000	.55	71,500	235,000	.55	134,500
Burleigh	51,000	1.35	68,400	59,000	.80	48,100	110,000	1.05	116,500
Emmons	27,000	.40	10,700	70,000	.50	33,600	97,000	.45	44,300
Grant	50,000	.55	27,200	48,000	.65	30,000	98,000	.60	57,200
Morton	42,000	.75	31,300	73,000	.55	38,500	115,000	.60	69,800
Sioux	25,000	.35	8,700	10,000	.60	5,800	35,000	.40	14,500
South Central	195,000	.75	146,300	260,000	.60	156,000	455,000	.65	302,300
Dickey	50,000	.90	44,000	26,000	1.05	27,100	76,000	.95	71,100
LaMoure	29,000	.90	25,500	20,000	1.45	29,200	49,000	1.10	54,700
Logan	36,000	.55	19,400	51,000	.85	42,600	87,000	.70	62,000
McIntosh	25,000	.45	11,000	45,000	.85	37,600	70,000	.70	48,600
Ransom	26,000	1.50	39,400	27,000	1.05	28,200	53,000	1.30	67,600
Richland	17,000	2.45	41,600	22,000	.90	19,500	39,000	1.55	61,100
Sargent	27,000	1.85	50,100	19,000	.95	17,800	46,000	1.50	67,900
Southeast	210,000	1.10	231,000	210,000	.95	202,000	420,000	1.05	433,000
STATE	1,220,000	.95	1,159,000	1,600,000	.85	1,360,000	2,820,000	.89	2,519,000

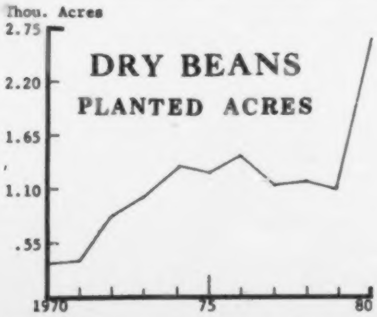
HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, 1979 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	15,000	1.45	21,800	17,500	1.25	22,200	32,500	1.35	44,000
Divide	19,000	1.90	36,100	14,500	1.25	18,400	33,500	1.65	54,500
Mountrail	43,000	1.55	66,700	54,500	1.40	77,400	97,500	1.50	144,100
Renville	11,000	1.65	18,200	9,000	1.55	14,100	20,000	1.60	32,300
Ward	45,000	1.80	81,000	43,000	1.65	71,500	88,000	1.75	152,500
Williams	42,000	1.75	73,500	20,500	1.20	24,900	62,500	1.55	98,400
Northwest	175,000	1.70	297,300	159,000	1.45	228,500	334,000	1.55	525,800
Benson	24,000	2.55	61,200	34,500	1.55	54,200	58,500	1.95	115,400
Bottineau	26,000	1.70	44,200	38,000	1.40	53,200	64,000	1.50	97,400
McHenry	69,000	1.85	127,700	120,000	1.40	170,300	189,000	1.60	298,000
Pierce	26,000	2.05	53,300	47,500	1.15	54,600	73,500	1.45	107,900
Rolette	25,000	2.25	55,800	28,000	1.35	37,800	53,000	1.75	93,600
North Central	170,000	2.00	342,200	268,000	1.40	370,100	438,000	1.65	712,300
Cavalier	6,100	2.20	13,500	10,000	1.65	16,500	16,100	1.85	30,000
Grand Forks	18,000	2.30	41,400	9,200	1.70	15,600	27,200	2.10	57,000
Nelson	12,000	1.65	19,800	22,500	1.30	29,700	34,500	1.45	49,500
Pembina	11,000	2.25	24,500	6,800	1.30	9,000	17,800	1.90	33,500
Ramsey	5,300	1.80	9,600	12,500	1.70	21,500	17,800	1.75	31,100
Towner	3,600	2.15	7,800	11,000	1.60	17,800	14,600	1.75	25,600
Walsh	12,000	2.50	29,900	21,000	1.55	33,000	33,000	1.90	62,900
Northeast	68,000	2.15	146,500	93,000	1.55	143,100	161,000	1.80	289,600
Dunn	92,500	1.35	124,800	39,000	1.20	47,400	131,500	1.30	172,200
McKenzie	57,000	1.75	100,600	34,000	1.10	37,400	91,000	1.50	138,000
McLean	37,000	2.40	88,700	54,500	1.65	91,200	91,500	1.95	179,900
Mercer	42,500	1.50	63,900	27,000	1.10	29,700	69,500	1.35	93,600
Oliver	41,000	1.95	80,800	20,500	1.25	26,000	61,500	1.75	106,800
West Central	270,000	1.70	458,800	175,000	1.30	231,700	445,000	1.55	690,500
Eddy	33,000	1.80	59,400	20,000	1.30	26,400	53,000	1.60	85,800
Foster	22,000	2.00	44,000	9,500	1.35	13,000	31,500	1.80	57,000
Kidder	117,000	1.40	163,800	68,000	1.10	75,800	185,000	1.30	239,600
Sheridan	13,000	1.85	24,100	29,000	1.50	44,100	42,000	1.60	68,200
Stutsman	71,000	2.20	156,200	42,000	1.45	61,700	113,000	1.90	217,900
Wells	14,000	1.90	26,900	34,500	1.30	45,500	48,500	1.50	72,400
Central	270,000	1.75	474,400	203,000	1.30	266,500	473,000	1.55	740,900
Barnes	27,500	2.85	78,500	22,000	1.45	32,300	49,500	2.25	110,800
Cass	23,000	2.95	68,000	6,800	1.50	10,300	29,800	2.65	78,300
Griggs	25,000	2.30	57,100	15,000	1.60	24,300	40,000	2.05	81,400
Steele	7,000	3.45	24,000	6,200	1.50	9,400	13,200	2.55	33,400
Traill	9,500	3.80	36,000	4,000	1.60	6,300	13,500	3.15	42,300
East Central	92,000	2.85	263,600	54,000	1.55	82,600	146,000	2.35	346,200
Adams	46,000	1.20	54,900	21,500	.95	20,700	67,500	1.10	75,600
Billings	22,000	1.20	26,300	15,500	.80	12,600	37,500	1.05	38,900
Bowman	48,000	1.15	54,800	15,500	.90	14,100	63,500	1.10	68,900
Golden Valley	19,000	1.50	28,600	12,500	.85	10,800	31,500	1.25	39,400
Hettinger	45,000	1.45	65,400	10,500	1.25	13,300	55,500	1.40	78,700
Slope	30,000	1.25	37,400	12,500	.65	8,200	42,500	1.05	45,600
Stark	72,000	1.40	100,900	32,000	.90	29,200	104,000	1.25	130,100
Southwest	282,000	1.30	368,300	120,000	.90	108,900	402,000	1.20	477,200
Burleigh	80,000	1.95	154,400	52,000	1.10	58,000	132,000	1.60	212,400
Emmons	67,000	2.00	134,000	55,000	1.20	66,900	122,000	1.65	200,900
Grant	90,000	1.65	148,500	36,000	1.15	42,000	126,000	1.50	190,500
Morton	100,000	1.80	180,000	61,000	1.25	77,300	161,000	1.60	257,300
Sioux	47,000	1.35	63,500	14,000	1.00	14,200	61,000	1.25	77,700
South Central	384,000	1.75	680,400	218,000	1.20	258,400	602,000	1.55	938,800
Dickey	60,000	2.10	126,000	25,000	1.25	31,700	85,000	1.85	157,700
LaMoure	39,000	2.35	91,100	20,000	1.30	26,400	59,000	2.00	117,500
Logan	56,000	1.75	98,000	58,500	1.15	68,200	114,500	1.45	166,200
McIntosh	47,500	2.15	101,000	38,500	1.35	52,700	86,000	1.80	153,700
Ransom	27,500	3.05	84,200	24,500	1.05	26,100	52,000	2.10	110,300
Richland	25,500	3.10	79,400	23,000	1.25	29,100	48,500	2.25	108,500
Sargent	33,500	2.65	88,800	20,500	1.25	26,000	54,000	2.15	114,800
Southeast	289,000	2.30	668,500	210,000	1.25	260,200	499,000	1.85	928,700
STATE	2,000,000	1.85	3,700,000	1,500,000	1.30	1,950,000	3,500,000	1.61	5,650,000

SOYBEANS & DRY BEANS

ACREAGE, YIELD AND PRODUCTION BY COUNTIES, 1979 (Revised), 1980 (Preliminary)

County	1979					1980				
	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production	Acres Planted	Acres Harvested	Yield per Acre Pltd.	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
SOYBEANS										
Cavalier	--	--	--	--	--	100	100	15.0	15.0	1.500
Grand Forks	10,300	10,000	22.5	23.2	231,800	10,500	8,800	10.0	11.9	104,700
Nelson	300	300	25.7	25.7	7,700	300	300	13.7	13.7	4,100
Pembina	1,800	1,800	20.5	20.5	36,900	1,500	1,500	23.8	23.8	35,700
Towner	600	600	24.3	24.3	14,600	500	500	13.8	13.8	6,900
Walsh	2,300	2,30	28.1	28.1	64,600	2,300	2,300	17.0	17.0	39,100
Barnes	1,600	1,600	25.0	25.0	40,000	1,000	1,000	13.6	13.6	13,600
Cass	74,200	72,900	29.0	29.5	2,149,900	68,700	67,100	19.4	19.8	1,329,400
Griggs	700	700	24.3	24.3	17,000	500	500	18.0	18.0	9,000
Steele	3,400	3,400	26.8	26.8	91,000	2,600	2,600	12.2	12.2	31,800
Traill	18,500	18,000	25.3	26.0	468,000	20,800	20,700	15.0	15.1	313,000
Dickey	1,000	1,000	26.1	26.1	26,100	1,000	1,000	14.8	14.8	14,800
LaMoure	1,100	1,100	33.2	33.2	36,500	800	700	8.6	9.9	6,900
Ransom	5,600	5,500	25.0	25.5	140,000	6,500	5,000	8.8	11.4	57,200
Richland	80,700	79,200	25.6	26.0	2,063,000	84,300	79,500	16.7	17.8	1,411,500
Sargent	5,400	5,300	26.0	26.5	140,200	6,100	6,000	12.9	13.1	78,700
Other Counties	2,500	2,300	13.9	15.1	34,700	2,500	2,400	16.8	17.5	42,100
STATE	210,000	206,000	26.5	27.0	5,562,000	210,000	200,000	16.7	17.5	3,500,000
DRY EDIBLE BEANS										
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Lbs.)
Ward	--	--	--	--	--	700	600	570	660	397,000
Williams	--	--	--	--	--	1,200	1,100	1,630	1,780	1,958,000
Benson	--	--	--	--	--	500	500	960	960	480,000
Pierce	--	--	--	--	--	600	600	1,000	1,000	600,000
Cavalier	600	600	1,360	1,360	816,000	2,500	2,300	1,070	1,160	2,676,000
Grand Forks	30,000	29,000	1,250	1,300	37,626,000	60,000	59,000	970	990	58,410,000
Nelson	--	--	--	--	--	1,000	1,000	980	980	980,000
Pembina	18,000	17,000	1,310	1,380	23,494,000	37,500	34,500	1,380	1,500	51,750,000
Ramsey	--	--	--	--	--	2,100	1,900	1,130	1,250	2,375,000
Towner	--	--	--	--	--	900	800	930	1,050	840,000
Walsh	14,000	13,000	1,250	1,350	17,499,000	31,000	30,500	980	990	30,272,000
McKenzie	1,100	1,100	1,600	1,600	1,764,000	1,400	1,400	1,490	1,490	2,086,000
McLean	--	--	--	--	--	900	900	800	800	720,000
Eddy	--	--	--	--	--	500	500	1,900	1,900	950,000
Stutsman	700	700	1,310	1,310	919,000	--	--	--	--	--
Wells	1,900	1,800	870	910	1,644,000	4,100	3,800	1,580	1,700	6,460,000
Barnes	500	500	1,560	1,560	781,000	900	900	870	870	783,000
Cass	7,900	7,700	1,520	1,550	11,973,000	18,000	17,000	1,120	1,190	20,230,000
Griggs	500	500	1,260	1,260	632,000	2,600	2,600	1,210	1,210	3,146,000
Steele	9,300	9,100	1,310	1,340	12,214,000	23,000	22,500	910	930	20,925,000
Traill	12,500	11,500	1,160	1,270	14,552,000	30,500	30,000	890	900	27,000,000
Dickey	4,800	4,600	1,440	1,500	6,898,000	12,000	11,000	550	600	6,600,000
LaMoure	900	900	1,360	1,360	1,225,000	6,600	6,100	830	900	5,490,000
Ransom	3,100	3,000	1,500	1,560	4,665,000	10,000	9,700	730	750	7,275,000
Richland	2,200	2,100	1,280	1,340	2,805,000	10,500	10,000	910	960	9,555,000
Sargent	500	500	1,360	1,360	680,000	5,400	5,200	960	1,000	5,200,000
Other Counties	1,500	1,400	1,080	1,150	1,613,000	600	600	1,070	1,070	642,000
STATE	110,000	105,000	1,290	1,350	141,800,000	265,000	255,000	1,010	1,050	267,800,000



June 1981

DRY BEANS: Production by Commercial Class
North Dakota, 1975-80

Year	Peas Navy	Great Northern	Pinto	Other	Total
	- - - - Thousand Hundredweight - - - -				
1976	63	5	1,043	1	1,112
1977	150	9	944	--	1,103
1978	270	3	966	4	1,243
1979	247	3	1,158	10	1,418
1980	404	0	2,248	26	2,678

POTATOES

POTATOES: Acreage, Yield and Production by Counties, 1979 (Revised), 1980 (Preliminary)

County	1979					1980				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
Grand Forks	29,500	27,500	148	159	4,375,000	25,500	25,000	125	130	3,245,000
Pembina	30,000	29,000	163	169	4,895,000	26,500	26,000	145	150	3,900,000
Towner	1,900	1,800	139	147	265,000	2,200	2,100	155	160	336,000
Walsh	51,500	48,000	144	155	7,435,000	54,000	53,300	140	140	7,462,000
Traill	5,400	5,100	164	174	885,000	4,800	4,700	120	125	588,000
Other Counties	2,700	2,600	143	148	385,000	1,000	900	150	165	149,000
STATE	121,000	114,000	151	160	18,240,000	114,000	112,000	135	140	15,680,000

POTATOES: Production, Disposition, Price and Value, North Dakota, 1972-79

Crop of	Production	Total Used for Seed 1/	Farm Disposition Used On Farms Where Grown		Sold 2/	Price per Hundred-weight	Value of Production	
			For Seed, Feed and Household Use	Shrinkage and Loss			Production	Sales
	----------------- Thousand Hundredweight			-----------------		-Dollars-	---Thousand Dollars-	
1972	17,400	1,862	551	1,189	15,660	2.75	47,850	43,065
1973	19,140	1,946	404	1,340	17,396	4.60	88,044	80,022
1974	22,950	1,740	567	4,934	17,449	3.15	72,293	54,964
1975	17,600	1,827	528	1,672	15,400	4.20	73,920	64,680
1976	17,220	2,059	654	1,980	14,586	3.45	59,409	50,322
1977	22,400	1,987	672	3,024	18,704	2.70	60,480	50,501
1978	23,625	1,755	473	3,544	19,608	2.60	61,425	50,981
1979 3/	18,240	1,665	320	2,500	15,420	3.25	59,280	50,115

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes including food, seed, processing and livestock feed. 3/ Preliminary.

POTATOES: Acreage Harvested, Yield, Production and Stocks, by Months, by Type, North Dakota, 1976-80

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				December 1	January 1	February 1	March 1	April 1	May 1 1/
	(000)	(Cwt.)	(000 Cwt.)	------------------------ Thousand Hundredweight -------------------					
					REDS				
1976	46.2	136	6,285	5,533	4,560	3,430	2,450	1,350	
1977	51.0	146	7,459	6,311	5,400	4,300	3,160	2,350	
1978	47.1	163	7,678	6,502	5,632	4,588	3,601	2,120	1,120
1979	31.8	154	4,900	4,050	3,580	2,980	2,400	1,530	560
1980 2/	30.2	130	3,940	3,125	2,314	1,560	1,242	600	77
					WHITES				
1976	65.6	143	9,368	5,035	3,990	2,990	1,940	940	
1977	72.2	169	12,208	7,857	6,740	5,560	4,550	3,000	
1978	71.3	182	12,994	8,290	7,182	5,941	5,171	3,060	1,470
1979	66.6	163	10,830	6,810	5,730	4,680	3,530	2,240	760
1980 2/	70.6	141	9,960	6,185	5,251	3,770	2,254	960	280
					RUSSETS				
1976	11.2	140	1,567	1,032	950	880	710	310	
1977	16.8	163	2,733	1,932	1,660	1,340	1,090	750	
1978	16.6	178	2,953	2,408	2,086	1,771	1,428	920	610
1979	15.6	161	2,510	1,640	1,390	1,140	970	730	680
1980 2/	11.2	159	1,780	1,390	1,335	1,170	1,104	840	493
					TOTAL				
1976	123.0	140	17,220	11,600	9,500	7,300	5,100	2,600	
1977	140.0	160	22,400	16,100	13,800	11,200	8,800	6,100	
1978	135.0	175	23,625	17,200	14,900	12,300	10,200	6,100	3,200
1979	114.0	160	18,240	12,500	10,700	8,800	6,900	4.500	2,000
1980 2/	112.0	140	15,680	10,700	8,900	6,500	4,600	2,400	850

1/ May 1 estimates started with 1978 crop. 2/ Preliminary.

POTATO OBJECTIVE YIELD

HARVEST LOSSES, HILLS AND SEED

Harvest loss, number of hills per acre and weight by size groups are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

POTATOES: Harvest Loss by Type, North Dakota 1/

Year	Round Reds	Round Whites	Russets	All Types
	- Hundredweight per Acre -			
1978	25	28	2/	29
1979	30	44	59	42
1980	26	24	35	26

1/ Potatoes left in the field at time of harvest.
2/ Insufficient sample size.

Certified Seed Potatoes 1/ North Dakota, 1970-80

Year	Acres Eligible
1970	30,154
1971	32,631
1972	31,064
1973	34,145
1974	34,815
1975	34,040
1976	38,431
1977	40,299
1978	34,454
1979	25,301
1980	22,557

1/ North Dakota State Seed Department.

POTATOES: Average Number of Hills per Acre, by Type, North Dakota 1/

Year	REDS		WHITES		RUSSETS	
	No. of Samples	Avg. Hills per Acre	No. of Samples	Avg. Hills per Acre	No. of Samples	Avg. Hills per Acre
1976	71	10,338	59	9,665	9	9,942
1977	69	10,221	78	9,063	19	9,337
1978	36	10,538	81	9,581	13	9,477
1979	43	10,031	99	10,148	23	9,769
1980	44	10,041	112	9,961	19	10,003

1/ Average number hills per acre based on sample plots selected for objective yield measurements.

POTATOES: Percentage of Net Weight by Size Groups, North Dakota, 1978-80 1/

Type	Year	Under 1 7/8 Inch	1-7/8 - 2 Inches	2 - 2 1/4 Inches	2 1/4 - 2 1/2 Inches	2 1/2 - 3 1/2 Inches	3 1/2 Inches & Over	Total
Reds	1978	2	3	8	13	62	12	100
	1979	2/	2	6	10	71	11	100
	1980	1	2	6	10	65	16	100
Whites	1978	2	2	7	11	65	13	100
	1979	2/	1	7	10	64	18	100
	1980	1	2	6	9	61	21	100

1/ Percentages shown adjusted to allow for harvesting loss. 2/ Less than one-half of one percent.

SUGARBEETS

SUGARBEETS: Acreage, Yield and Production by Counties, 1979 (Revised) and 1980 (Preliminary)

County	1979					1980				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Tons)	(Tons)	(Tons)	(Acres)	(Acres)	(Tons)	(Tons)	(Tons)
Williams	3,000	3,000	20.3	20.3	60,900	2,900	2,900	18.4	18.4	53,500
Grand Forks	12,300	12,000	13.8	14.1	169,600	11,900	10,600	12.1	13.6	143,700
Pembina	26,000	25,700	16.0	16.1	415,000	24,900	24,100	16.8	17.3	417,400
Walsh	25,300	24,700	15.6	15.9	393,500	27,800	26,500	13.0	13.6	361,400
McKenzie	6,000	6,000	20.8	20.8	124,500	5,900	5,900	19.1	19.1	112,900
Cass	20,200	20,000	15.5	15.6	312,300	20,100	20,000	13.4	13.4	268,900
Traill	26,800	26,300	16.1	16.4	430,700	27,700	27,100	12.9	13.2	358,200
Richland	25,300	25,000	15.4	15.6	390,000	26,100	25,300	11.4	11.7	296,800
Other Counties	400	400	18.8	18.8	7,500	300	300	14.0	14.0	4,200
STATE	145,300	143,100	15.9	16.1	2,304,000	147,600	142,700	13.7	14.1	2,017,000

WHEAT VARIETIES

HARD RED SPRING WHEAT

For the third consecutive year, Olaf was the most popular variety of hard red spring wheat planted with 27 percent of the acreage. Although still first, Olaf slipped in popularity for the second consecutive year.

Butte, with 22 percent of the acreage, maintained its edge over Waldron for the second most popular ranking. Waldron had 18.5 percent of the acreage planted and was followed by Solar, Coteau and a number of more minor varieties. The top three varieties, Olaf, Butte, and Waldron, accounted for over two-thirds of the acreage.

Butte was the highest yielding of the five most popular varieties, averaging 19.7 bushels per acre. It was followed closely by Olaf and then Coteau, Solar, and Waldron. Among all varieties, Era was the highest yielding.

Acreage, Yield and Production by Varieties, North Dakota, 1980

Variety	Acres Pltd.	Acres Harv.	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Olaf	1,936.4	1,551.5	15.4	19.2	29,823.8
Butte	1,593.6	1,374.3	17.0	19.7	27,104.3
Waldron	1,331.1	944.3	10.0	14.1	13,285.9
Solar	530.5	433.9	14.4	17.7	7,664.7
Coteau	426.5	341.9	14.3	17.8	6,096.3
Era	263.7	227.9	21.6	25.0	5,703.4
Prodax	255.2	188.0	16.1	21.8	4,096.9
Ellar	170.0	121.3	10.4	14.5	1,762.2
Wared	152.6	106.4	11.9	17.0	1,810.0
Other & Unknown 1/	540.4	410.5	15.0	19.7	8,102.5
All Varieties	7,200.0	5,700.0	14.6	18.5	105,450.0

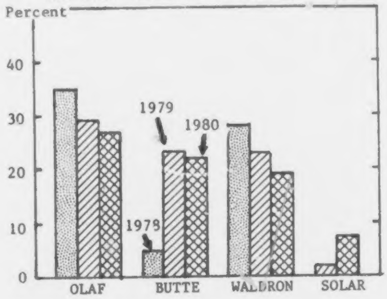
1/ Includes Len, Kitt, Chris, Sinton, Eureka, Fortuna, Polk, Lee, Justin, Tioga, Angus, Profit 75, World Seed 1809 and a few other minor varieties.

Percent of Acreage Planted by Varieties, North Dakota, 1974-75, 1978-80

Variety	1974	1975	1978	1979	1980
	--- Percent ---				
Olaf	4.2	18.4	35.0	29.2	26.9
Butte	--	--	5.0	23.2	22.1
Waldron	52.0	49.6	28.3	22.7	18.5
Solar	--	--	--	2.0	7.4
Coteau	--	--	1/	1/	5.9
Era	6.9	8.0	3.9	2.3	3.7
Prodax	--	--	3.3	5.1	3.5
Ellar	--	2.2	7.3	5.3	2.4
Wared	--	--	2.3	3.6	2.1
Len	--	--	--	--	1.7
Kitt	--	--	4.5	2.1	.8
Profit 75	--	1.1	1.4	1/	1/
Chris	4.1	2.7	1.1	1/	1/
Bounty 208	5.9	2.5	1/	--	--
WS 1809	4.1	2.0	1/	1/	1/
Other & Unknown	22.8	13.5	7.9	4.5	2/5.0
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than one percent included in other and unknown.
2/ Includes Sinton, Eureka, Fortuna, Polk, Lee, Justin, Tioga, Angus, and a few other minor varieties as well as those with footnote one (1/).

TOP FOUR VARIETIES PLANTED IN 1980



Percent of Acreage Planted and Estimated Yield Per Acre Harvested, by Varieties, and Crop Reporting Districts, 1980

Variety	North-west	North Cent.	North-east	West Cent.	Central	East Cent.	South-west	South Cent.	South-east	State
	---- Percent ----									
Olaf	9.8	14.5	29.3	17.6	28.7	35.3	21.8	31.8	35.0	26.9
Butte	25.0	24.1	39.2	13.7	16.3	25.8	7.7	9.0	25.1	22.1
Waldron	26.9	41.6	2.1	37.4	22.8	3.0	23.6	27.6	14.0	18.5
Solar	10.4	8.5	6.5	8.4	9.5	8.5	10.2	3.8	2.8	7.4
Coteau	5.7	4.5	1.0	5.5	7.3	5.1	13.2	3.5	8.8	5.9
Era	2.6	.3	5.0	.3	1.0	12.1	2.3	.9	2.5	3.7
Prodax	.9	--	10.2	4.7	.3	2.6	5.2	3.5	1.0	3.5
Ellar	3.4	2.0	.3	4.3	2.6	.2	5.6	3.4	2.2	2.4
Wared	6.7	--	2.2	2.3	2.7	.3	2.8	3.2	.4	2.1
Len	.8	1.1	1.8	.4	1.3	3.3	2.0	1.4	2.0	1.7
Other & Unknown 1/	7.8	3.4	2.4	5.4	7.5	3.8	5.6	11.9	6.2	5.8
	---- Bushels ----									
Olaf	16.1	18.6	24.8	12.2	19.7	22.9	10.4	10.4	18.3	19.2
Butte	20.9	17.1	21.6	13.4	15.8	20.5	7.6	11.0	22.5	19.7
Waldron	16.0	15.8	14.2	11.7	16.5	20.6	10.6	10.5	12.7	14.1
Solar	21.4	13.8	21.4	12.5	16.3	20.1	13.9	12.3	16.4	17.7
Coteau	20.8	17.6	21.1	11.6	23.7	21.4	11.6	10.4	18.1	17.8
Era	15.0	20.3	22.4	14.9	12.9	29.0	5.7	6.5	26.7	25.0
Prodax	19.0	--	26.5	17.8	15.5	14.4	10.0	14.8	26.9	21.8
Other & Unknown 2/	18.0	16.4	22.6	13.0	18.6	31.0	9.8	12.0	19.5	18.3
All Varieties	18.5	16.5	23.0	12.5	18.0	23.0	10.5	11.0	19.0	18.5

1/ Includes Kitt, Chris, Sinton, Eureka, Fortuna, Polk, Lee, Justin, Tioga, Angus, Profit 75, World Seeds 1809, and a few other minor varieties.
2/ Includes Ellar, Wared, Len, Kitt, Chris, Sinton, Eureka, Fortuna, Polk, Lee, Justin, Tioga, Angus, Profit 75, World Seeds 1809, and a few other minor varieties.

DURUM WHEAT

Ward easily remained the most popular durum wheat variety planted in 1980 with 38 percent of the acreage. Ward has been the most popular since 1975.

Rugby ranked second in acreage planted with 19 percent and has shown a steady, albeit slow, increase in popularity since 1978. Crosby and Cando followed with 12 and 11 percent respectively. These were followed by Rolette and a number of more minor varieties. The top four varieties, Ward, Rugby, Crosby, and Cando, accounted for nearly 80 percent of the acreage.

Of the top five varieties, Cando had the highest average yield at 22.6 bushels per acre. It was followed by Crosby at 20.4 bushels and then Rugby, Ward and Rolette.

Percent of Acreage Planted by Varieties,
North Dakota, 1974-75, 1978-80

Variety	1974	1975	1978	1979	1980
	- - - P e r c e n t - - -				
Ward	13.4	47.5	45.4	39.4	37.7
Rugby	1/	1/	13.2	17.3	18.7
Crosby	1/	1/	10.0	9.9	11.8
Cando	--	--	8.8	11.6	11.2
Rolette	36.9	26.0	8.8	6.5	6.2
Calvin	--	--	--	2.5	3.1
Wells	18.8	9.5	3.2	2.6	2.8
Vic	--	--	--	1/	2.3
Botno	--	1/	4.0	4.4	1.8
Edmore	--	--	--	.2	1.5
Leeds	27.9	12.5	3.1	3.0	1.1
Hercules	1.5	1/	1/	--	--
Other & Unknown	1.5	4.5	3.5	2.6	2/1.8
All Varieties	100.0	100.0	100.0	100.0	100.0

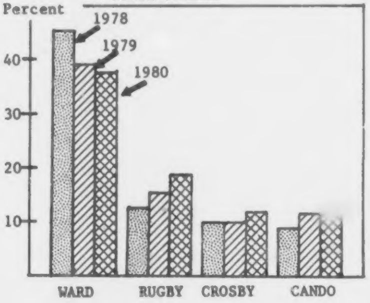
1/ Less than one percent included in other and unknown.
2/ Includes Coulter at 0.1 percent of State and a few other minor varieties.

Acreage, Yield and Production by Varieties,
North Dakota, 1980

Variety	Acres Pltd.	Acres Harv.	Yield/Acre		Production
			Pltd.	Harv.	
	(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Ward	1,660.6	1,430.1	15.1	17.6	25,140.1
Rugby	823.5	725.3	17.0	19.3	14,030.2
Crosby	519.3	493.1	19.4	20.4	10,055.3
Cando	492.9	430.6	19.8	22.6	9,745.5
Rolette	272.8	226.4	13.9	16.7	3,784.0
Calvin	134.3	122.2	17.8	19.6	2,392.5
Wells	124.1	111.4	15.0	16.7	1,858.7
Vic	102.0	93.7	21.2	23.0	2,157.8
Botno	77.9	62.8	12.8	15.8	993.6
Other & Unknown 1/	192.6	154.4	15.5	19.4	2,992.3
All Varieties	4,400.0	3,850.0	16.6	19.0	73,150.0

1/ Includes Edmore, Leeds, Coulter and a few other minor varieties.

TOP FOUR VARIETIES PLANTED IN 1980
NORTH DAKOTA



Percent of Acreage Planted and Estimated Yield Per Acre Harvested,
by Varieties, and Crop Reporting District, 1980

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
	- - - - P e r c e n t - - - -									
Ward	33.3	38.0	34.0	65.8	37.4	28.2	41.3	49.9	38.2	37.7
Rugby	3.1	34.4	15.6	5.1	40.7	23.3	16.9	27.7	26.7	18.7
Crosby	35.9	3.1	5.0	5.2	1.8	3.1	--	1.4	2.3	11.8
Cando	8.9	8.1	20.2	5.7	5.4	27.8	10.8	--	1.5	11.2
Rolette	3.0	4.9	11.0	4.1	3.7	.3	15.8	--	11.8	6.2
Calvin	3.8	1.8	5.6	.2	.2	3.9	2.8	2.6	.7	3.1
Wells	4.3	1.0	.7	3.8	6.0	3.2	2.1	--	5.7	2.8
Vic	2.6	1.6	1.3	.8	3.7	7.3	2.2	1.0	4.2	2.3
Botno	.9	2.0	2.8	3.5	--	--	.3	1.7	4.0	1.8
Edmore	1.2	3.0	2.4	--	--	--	.3	--	.1	1.5
Leeds	1.4	.9	.9	2.9	.4	--	1.0	3.7	.8	1.1
Other & Unknown 1/	1.6	1.2	.5	2.9	.7	2.9	6.5	12.0	4.0	1.8
	- - - - B u s h e l s - - - -									
Ward	19.3	17.4	18.2	16.3	18.0	17.0	10.4	6.9	17.3	17.6
Rugby	22.0	18.8	22.8	16.7	18.2	22.5	12.3	8.4	19.7	19.3
Crosby	20.6	24.8	19.0	20.6	17.3	5.1	--	19.9	11.7	20.4
Cando	23.4	25.0	23.6	22.5	22.5	18.5	5.8	--	13.9	22.6
Rolette	15.2	16.2	18.3	14.0	24.1	23.8	10.1	--	14.8	16.7
Other & Unknown 1/	17.2	20.1	21.4	14.2	21.8	23.5	11.6	10.7	19.6	19.1
All Varieties	19.8	19.0	20.5	16.5	19.0	19.5	10.5	8.5	18.0	19.0

1/ Includes Calvin, Wells, Vic, Botno, Edmore, Leeds, Coulter and a few other minor varieties.

WHEAT AND BARLEY VARIETIES

WINTER WHEAT

Roughrider topped all varieties in acres planted in 1980 with 59 percent of the total. Winoka was a distant second with 9 percent of the acreage. Froid, with 8 percent, showed the biggest drop, falling from 25 percent in 1979.

Yield differences by variety were minor. Norstar yielded 17 bushels per acre with Roughrider and Winoka next at 16 bushels.

Percent of Acreage Planted, 1974-75, 1978-80,
Acreage, Yield and Production by Variety, North Dakota, 1980

Variety	1975	1978	1979	1980	1980 Acres Planted	1980 Acres Harvested	1980 Yield per Acre Planted	1980 Yield per Acre Harvested	Production
	- - - Percent - - -				(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Roughrider	--	20.0	49.6	59.3	80.0	43.0	8.6	16.0	689.1
Winoka	17.9	9.1	5.0	8.9	12.0	7.5	10.0	16.0	120.0
Froid	45.8	46.6	24.9	8.1	11.0	4.1	5.6	15.0	61.5
Winalta	7.6	3.3	3.2	4.4	6.0	2.0	3.3	10.0	20.0
Minter	1/	3.0	3.2	3.0	4.0	2.2	6.1	11.0	24.2
Norstar	--	--	--	2.2	3.0	2.0	11.3	17.0	34.0
Other & Unknown	28.7	18.0	14.1	14.1	19.0	9.2	5.3	11.0	101.2
All Varieties	100.0	100.0	100.0	100.0	135.0	70.0	7.8	15.0	1,050.0

1/ Less than one percent included in other and unknown.

BARLEY

Percent of Acreage Planted by Varieties, 1975-80

Variety	1975	1976	1977	1978	1979	1980 Pct.	1980 Acres Planted
	--- Percent ---						- 000 -
Morex*	--	--	--	0.3	7.6	38.2	707.1
Glenn*	--	--	--	0.4	8.0	22.5	415.4
Larker*	35.1	35.3	37.9	36.3	36.7	18.7	345.6
Beacon*	30.9	40.3	38.3	37.7	28.2	9.3	172.7
Nordic	14.1	9.4	9.4	9.2	6.6	2.0	37.3
Dickson	8.6	4.5	2.7	3.1	2.1	1.3	23.4
Park*	--	--	--	--	1.4	1.0	18.3
Bonanza*	7.4	5.1	6.7	5.5	2.7	0.6	11.7
Hector	--	--	--	0.5	0.4	0.6	10.6
Manker*	1/	2.0	2.8	2.9	2.9	0.6	10.2
Summit	--	--	--	--	0.2	0.5	9.6
Macon	--	--	--	--	--	0.5	8.4
Molding	--	--	--	--	--	0.3	4.7
Vanguard	0.6	0.9	0.6	0.6	0.6	0.2	4.4
Kelsey	--	--	--	--	--	0.2	3.7
Keystone	0.3	.4	0.3	0.2	--	0.1	2.4
Klondike	--	--	--	0.9	0.2	0.1	2.2
Noble	--	--	--	--	--	0.1	1.8
Otana	--	--	--	--	--	0.1	1.2
Conquest	1.1	0.4	0.3	0.1	--	0.1	1.1
Valley	--	--	--	--	--	0.1	1.1
Other & Unknown	1.9	1.7	1.0	2.3	2.4	2.9	57.1
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	1,850.0

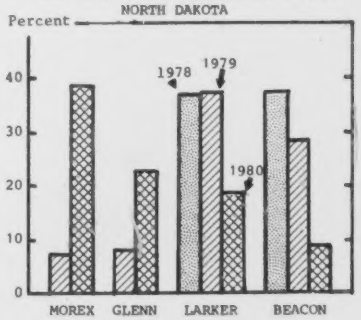
1/ Less than 0.1 percent. *Recommended as acceptable malting varieties by Malting Barley Improvement Association.

Morex surpassed Larker, Beacon and Glenn to become the most popular of all varieties seeded in 1980 with 38 percent of the total acreage. Morex jumped from only 8 percent in 1979.

Glenn also gained in popularity, advancing to second place with 23 percent of the acreage. Glenn rose from 8 percent in 1979. Larker and Beacon showed substantial declines in popularity after being the leading varieties for a number of years. Larker was third with 19 percent followed by Beacon with 9 percent. These top four varieties accounted for 89 percent of the acreage.

Among feed barley varieties, Nordic led but with only 2 percent of the total acreage.

TOP FOUR VARIETIES PLANTED IN 1980
NORTH DAKOTA



Percent of Acreage Planted by Crop Reporting Districts, North Dakota, 1980

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
	---- Percent ----									
Morex	16.1	43.5	33.1	11.3	26.8	52.6	11.9	3.8	44.9	38.2
Glenn	5.5	9.7	32.2	--	17.9	28.3	17.8	6.2	8.0	22.5
Larker	72.8	35.0	9.0	31.6	29.6	6.5	11.9	44.2	28.7	18.7
Beacon	0.4	9.9	13.7	4.1	8.5	6.7	4.3	10.9	9.7	9.3
Nordic	--	0.2	2.6	2.6	5.4	1.9	--	5.0	1.3	2.0
Dickson	1.8	--	0.3	6.5	2.0	0.1	16.3	11.0	0.2	1.3
Park	--	--	2.7	--	--	0.4	--	--	--	0.1
Other & Unknown	3.4	1.7	6.4	43.9	9.8	3.5	37.8	18.9	7.2	7.0
All Varieties	4.9	11.9	31.5	1.7	5.1	30.2	3.1	2.9	8.7	100.0

SUMMER FALLOW

LAND SUMMER FALLOWED BY COUNTIES, 1978-80

District and County	Total Acres Summer Fallowed		
	1978	1979	1980
	(Acres)	(Acres)	(Acres)
Burke	180,000	190,000	200,000
Divide	235,000	250,000	230,000
Mountrail	265,000	272,000	280,000
Renville	160,000	145,000	170,000
Ward	280,000	251,000	290,000
Williams	360,000	362,000	380,000
Northwest	1,480,000	1,470,000	1,550,000
Benson	185,000	185,000	190,000
Bottineau	220,000	260,000	260,000
McHenry	170,000	172,000	200,000
Pierce	140,000	130,000	150,000
Rolette	110,000	103,000	90,000
North Central	825,000	850,000	890,000
Cavalier	225,000	189,000	150,000
Grand Forks	110,000	101,000	90,000
Nelson	135,000	115,000	120,000
Pembina	90,000	70,000	60,000
Ramsey	185,000	158,000	160,000
Towner	165,000	155,000	160,000
Walsh	110,000	132,000	120,000
Northeast	1,020,000	920,000	860,000
Dunn	115,000	115,000	110,000
McKenzie	165,000	190,000	220,000
McLean	300,000	315,000	300,000
Mercer	85,000	75,000	70,000
Oliver	35,000	45,000	40,000
West Central	700,000	740,000	740,000
Eddy	40,000	42,000	40,000
Foster	55,000	70,000	60,000
Kidder	45,000	48,000	50,000
Sheridan	110,000	110,000	125,000
Stutsman	165,000	200,000	210,000
Wells	175,000	160,000	135,000
Central	590,000	630,000	620,000
Barnes	130,000	100,000	75,000
Cass	65,000	39,000	20,000
Griggs	60,000	65,000	60,000
Steele	60,000	47,000	35,000
Traill	45,000	39,000	30,000
East Central	360,000	290,000	220,000
Adams	120,000	124,000	110,000
Billings	35,000	40,000	45,000
Bowman	120,000	125,000	125,000
Golden Valley	85,000	90,000	95,000
Hettinger	220,000	216,000	210,000
Slope	105,000	110,000	115,000
Stark	165,000	165,000	170,000
Southwest	850,000	870,000	870,000
Burleigh	95,000	100,000	110,000
Emmons	80,000	85,000	80,000
Grant	105,000	115,000	110,000
Morton	95,000	105,000	115,000
Sioux	25,000	25,000	25,000
South Central	400,000	430,000	440,000
Dickey	35,000	30,000	20,000
LaMoure	80,000	75,000	75,000
Logan	50,000	55,000	55,000
McIntosh	55,000	60,000	60,000
Ransom	30,000	22,000	20,000
Richland	40,000	30,000	15,000
Sargent	35,000	28,000	15,000
Southeast	325,000	300,000	260,000
STATE	6,550,000	6,500,000	6,450,000

CROP VALUE

Total Production, Season Average Price per Unit, Value of Production per Acre and Total Value of Production, Principal Crops, North Dakota, 1979-80 1/

Crop	Total Production			Price per Unit			Value of Production per Acre		Total Value of Production	
	Unit	1979	1980	Unit	1979	1980	1979	1980	1979	1980
		---Thousands---			---Dollars---		---Dollars---		-Thousand Dollars-	
Wheat, Durum	Bu.	84,500	73,150	Bu.	4.41	5.35	114.06	101.65	372,645	391,353
Other Spring	Bu.	165,095	105,450	Bu.	3.53	4.05	93.54	74.93	582,785	427,073
Winter	Bu.	2,640	1,050	Bu.	3.30	3.80	72.60	57.00	8,712	3,990
All	Bu.	252,235	179,650	Bu.	3.82	4.58	100.43	85.49	964,142	822,416
Barley	Bu.	75,900	48,000	Bu.	2.06	2.70	94.76	86.40	156,354	129,600
Oats	Bu.	36,960	13,500	Bu.	1.16	1.75	51.04	52.50	42,874	23,625
Flaxseed	Bu.	5,980	3,100	Bu.	5.76	7.30	74.88	73.00	34,445	22,630
Rye	Bu.	4,200	1,470	Bu.	1.70	2.55	47.60	53.56	7,140	3,749
Sunflower, Oil	Lbs.	4,379,200	2,048,200	Cwt.	8.76	10.50	119.14	102.90	383,618	215,061
Non-Oil	Lbs.	205,400	195,300	Cwt.	11.70	13.30	152.10	123.69	24,032	25,975
All	Lbs.	4,584,600	2,243,500	Cwt.	8.89	10.70	120.68	104.80	407,650	241,036
Corn, Grain	Bu.	23,788	16,820	Bu.	2.13	3.00	161.88	174.00	50,668	50,460
Soybeans	Bu.	5,562	3,500	Bu.	5.80	6.65	156.60	116.38	32,260	23,275
Potatoes	Cwt.	18,240	15,680	Cwt.	3.25	5.60	520.00	784.00	59,280	87,808
Beans, Dry Edible	Cwt.	1,418	2,678	Cwt.	22.50	24.70	303.86	259.40	31,905	66,147
Sugarbeets	Tons	2,304	2,017	Ton	34.10	2/	599.03		78,566	
Alfalfa Seed	Lbs.	270	160	Cwt.	96.50	98.00	43.50	39.25	261	157

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate.
2/ Season average price not available yet for 1980.

CROP DISPOSITION

PRODUCTION, FARM DISPOSITION, SALES AND VALUE, NORTH DAKOTA, Crop of 1975-80

Crop of	Production	Used on Farms Where Grown Feed and Seed	Sold	Season Average Price per Bushel 1/	Value of 1/	
					Production	Sales
	(000 Bu.)	(000 Bu.)	(000 Bu.)	(Dollars)	(Thousand Dollars)	
			ALL WHEAT 3/			
1975	264,392	9,783	254,609	4.28	1,131,964	1,090,079
1976	287,830	9,211	278,619	2.60	748,932	724,966
1977	229,907	9,656	220,251	2.47	567,367	543,537
1978	286,065	8,296	277,769	2.84	813,154	789,570
1979	252,235	9,333	242,902	3.82	964,142	928,469
1980 2/	179,650	10,779	168,871	4.58	822,416	773,070
			BARLEY			
1975	79,800	17,556	62,244	2.55	203,490	158,722
1976	81,320	20,330	60,990	2.24	182,157	136,618
1977	98,670	23,681	74,989	1.54	151,952	115,483
1978	112,700	25,921	86,779	1.78	200,606	154,467
1979	75,900	18,216	57,684	2.06	156,354	118,819
1980 2/	48,000	10,080	37,920	2.70	129,600	102,384
			OATS			
1975	56,170	38,757	17,413	1.32	74,144	22,985
1976	44,840	35,424	9,416	1.37	61,431	12,900
1977	60,000	39,600	20,400	.94	56,400	19,176
1978	62,640	45,727	16,913	1.00	62,640	16,913
1979	36,960	26,242	10,718	1.16	42,874	12,433
1980 2/	13,500	12,150	1,350	1.75	23,625	2,363
			FLAXSEED			
1975	7,700	254	7,446	6.51	50,127	48,473
1976	3,760	342	3,418	7.18	26,997	24,541
1977	7,000	357	6,643	4.64	32,480	30,824
1978	4,025	233	3,792	5.84	23,506	22,145
1979	5,980	359	5,621	5.76	34,445	32,377
1980 2/	3,100	192	2,908	7.30	22,630	21,228
			RYE			
1975	2,975	297	2,678	2.34	6,962	6,267
1976	2,831	340	2,491	2.40	6,794	5,978
1977	2,080	270	1,810	1.80	3,744	3,258
1978	5,400	648	4,752	1.69	9,126	8,031
1979	4,200	420	3,780	1.70	7,140	6,426
1980 2/	1,470	265	1,205	2.55	3,749	3,073
			CORN FOR GRAIN			
1975	7,140	2,428	4,712	2.52	17,993	11,874
1976	8,160	3,427	4,733	2.19	17,870	10,365
1977	18,980	6,833	12,147	1.97	37,391	23,930
1978	23,700	9,006	14,694	2.06	48,822	30,270
1979	23,788	10,705	13,083	2.13	50,668	27,867
1980 2/	16,820	6,728	10,092	3.00	50,460	30,276
			SOYBEANS			
1975	2,906	64	2,842	4.99	14,501	14,182
1976	1,838	83	1,755	7.30	13,417	12,818
1977	3,500	98	3,402	5.83	20,405	19,834
1978	4,758	76	4,682	6.75	32,117	31,604
1979	5,562	61	5,501	5.80	32,260	31,906
1980 2/	3,500	101	3,399	6.65	23,275	22,603
			ALL HAY *			
1975	5,268	4,768	500	36.00	189,648	18,000
1976	3,976	3,594	382	45.50	180,908	17,381
1977	3,229	2,906	323	44.00	142,076	14,212
1978	6,285	5,650	635	36.00	226,260	22,860
1979	5,650	5,209	441	37.50	211,875	16,538
1980 2/	2,519	2,189	330	75.00	188,925	24,750
			SUNFLOWER **			
1975	547,800			10.80	59,102	
1976	600,000			11.10	66,420	
1977	1,658,250			10.60	174,882	
1978	2,545,080			10.40	265,816	
1979	4,584,600			8.89	407,650	
1980 2/	2,243,500			10.70	241,036	

*Tons **Production in pounds; price per hundredweight. 1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. 2/ Preliminary. 3/ Season average price of all wheat is derived from value of durum, other spring and winter wheat.

June 1981.

GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1976-80

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1
						Thousand Bushels						
ALL WHEAT												
1976	238,899	207,238	175,576	161,185	67,449	55,849	46,224	33,400	306,348	263,087	221,800	194,585
1977	298,879	246,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979	317,816	242,146	194,221	138,729	62,839	43,409	41,600	35,500	380,655	285,555	235,821	174,229
1980 1/	213,784	179,650	154,499		59,000	53,500	43,000		272,784	233,150	197,499	
DURUM WHEAT												
1976	95,930	83,260	68,780	61,540	22,124	18,455	15,009	10,048	118,054	101,715	83,789	71,588
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979	103,090	74,360	54,925	42,250	16,725	10,428	11,240	6,101	119,815	84,788	66,165	48,351
1980 1/	71,687	59,983	49,742		15,973	15,600	11,050		87,660	75,583	60,792	
BARLEY												
1976	65,869	49,605	34,154	19,517	12,389	10,206	9,479	6,490	78,258	59,811	43,633	26,007
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979	106,260	88,803	68,310	52,371	16,539	11,569	12,400	9,167	122,799	100,372	80,710	61,538
1980 1/	72,000	51,840	38,880		12,880	12,500	10,200		84,880	64,340	49,080	
OATS												
1976	56,050	41,253	25,110	17,039	5,922	3,400	2,633	2,037	61,972	44,653	27,743	19,076
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	68,904	62,640	46,980	35,078	5,259	4,380	4,039	3,345	74,163	67,020	51,019	38,423
1979	59,136	49,896	37,330	26,611	3,965	3,081	2,010	1,551	63,101	52,977	39,340	28,162
1980 1/	33,750	26,325	15,390		1,610	1,400	1,500		35,360	27,725	16,890	
RYE												
1976	1,472	1,274	708	510	843	495	290	188	2,315	1,769	998	698
1977	1,914	1,622	1,290	1,040	288	184	126	93	2,202	1,806	1,416	1,133
1978	3,780	3,402	3,132	2,430	941	683	620	486	4,721	4,085	3,752	2,916
1979	4,452	3,696	3,360	2,940	1,432	1,043	916	812	5,884	4,739	4,276	3,752
1980 1/	1,646	1,279	720		560	389	330		2,206	1,668	1,050	
FLAXSEED												
1976	2,632	1,692	1,128	677	1,240	726	370	305	3,872	2,418	1,498	982
1977	5,250	3,150	2,660	1,890	1,269	1,607	1,006	642	6,519	4,757	3,666	2,532
1978	2,616	1,932	1,449	604	1,259	1,117	560	421	3,875	3,049	2,009	1,025
1979	4,664	2,930	2,332	1,674	859	1,340	620	602	5,523	4,270	2,952	2,276
1980 1/	3,100	1,860	1,116		372	640	360		3,472	2,500	1,476	

1/ Preliminary

GRAIN STOCKS CONT.

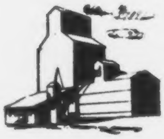
STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA (Cont.)
1976-80

Year	On Farm				Off Farm				Total			
	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/
	Thousand Bushels											
CORN												
1977	5,059	3,509	1,795	816	808	519	566	336	5,867	4,028	2,361	1,152
1978	15,184	11,008	7,592	5,314	1,321	1,121	898	733	16,505	12,129	8,490	6,047
1979	21,330	13,746	11,850	9,006	1,755	1,807	1,172	960	23,085	15,553	13,022	9,966
1980	19,744	14,273	11,894	9,515	2,058	890	986	863	21,802	15,163	12,880	10,378
1981 1/	13,961	8,074			2,500	1,340			16,461	9,414		
SOYBEANS												
1977	1,195	772	257	74	431	150	177	108	1,626	922	434	182
1978	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1979	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1980	3,671	3,059	2,392	278	1,351	920	723	414	5,022	3,979	3,115	692
1981 1/	1,750	1,400			912	640			2,662	2,040		

HAY

Crop Of	Production	Stocks Jan. 1	Stocks May 1
	Thousand Ton		
1976	3,976	3,499	716
1977	3,229	2,809	452
1978	6,285	5,091	1,697
1979	5,650	5,255	1,526
1980	2,519	2,645	

1/ Preliminary
2/ September 1 for Soybeans



STORAGE CAPACITY

COMMERCIAL GRAIN STORAGE CAPACITY BY COUNTIES, NORTH DAKOTA.
JANUARY 1, 1980-81

District and County	1979 Capacity 1/	1980 No. of Houses	1980 Capacity
	-000 Bu.-	-No.-	-000 Bu.-
Burke	993	9	1,021
Divide	1,514	8	1,515
Mountrail	2,747	13	2,712
Renville	1,542	8	1,380
Ward	6,026	19	6,739
Williams	3,056	15	3,293
Northwest	15,878	72	16,660
Benson	2,446	15	2,679
Bottineau	2,990	14	3,431
McHenry	2,560	13	2,898
Pierce	897	6	992
Rolette	775	5	834
North Central	9,668	53	10,834
Cavalier	2,484	19	2,549
Grand Forks	13,979	24	14,667
Nelson	3,185	13	3,437
Pembina	2,902	17	2,984
Ramsey	4,067	22	4,103
Towner	2,385	10	2,332
Walsh	4,485	18	5,214
Northeast	33,487	123	35,286
Dunn	779	5	779
McKenzie	1,493	7	1,505
McLean	3,706	13	4,392
Mercer	1,281	4	1,230
Oliver	---	---	---
West Central	7,259	29	7,906
Eddy	855	5	853
Foster	4,187	9	5,392
Kidder	836	6	815
Sheridan	910	5	860
Stutsman	14,165	17	15,438
Wells	2,693	14	3,194
Central	23,646	56	26,552
Barnes	5,435	19	5,810
Cass	10,216	37	11,456
Griggs	1,720	10	2,131
Steele	1,556	7	1,853
Traill	4,347	14	4,656
East Central	23,274	87	25,906
Adams	1,697	5	1,643
Billings	---	---	---
Bowman	2,374	5	2,404
Golden Valley	910	6	910
Hettinger	1,760	9	1,885
Slope	---	---	---
Stark	3,271	10	3,383
Southwest	10,012	35	10,225
Burleigh	1,833	6	1,532
Emmons	1,330	8	1,326
Grant	982	7	966
Morton	2,073	10	2,024
Sioux	170	2	172
South Central	6,388	33	6,020
Dickey	2,573	9	2,711
LaMoure	2,934	13	3,074
Logan	1,491	6	1,419
McIntosh	959	8	1,240
Ransom	1,101	6	1,212
Richland	5,594	22	5,636
Sargent	1,973	13	2,183
Southeast	16,625	77	17,475
STATE	146,237	565	156,864

1/ Revised.

LIVESTOCK DAIRY POULTRY

NORTH DAKOTA LIVESTOCK

Cattle

The number of cattle and calves on North Dakota farms and ranches on January 1, 1981 was 1,850,000 head, down 7 percent from the previous year. The drop in cattle inventory resumes a steady decline from a high of 2,635,000 head on January 1, 1975 which was interrupted only by a 2 percent increase between January 1, 1979 and January 1, 1980. The number of all cows, at 1,003,000, was 5 percent lower due to declines in beef cow numbers. Milk cow numbers, at 93,000, remained unchanged from last year. Beef replacement heifers, at 120,000, were down 14 percent, possibly as a result of the drought and the resulting shortage of feed supplies in 1980.

The 1980 calf crop of 1,060,000 was 2 percent higher than a year earlier. The total value of cattle and calves on hand at $943,500,000 was down 12 percent. Average value per head fell from $535 to $510. The number of cattle farms for 1980, at 21,000 was down 5 percent from 1979, while the number of dairy farms dropped 600 to 4,200.

Hogs

Hogs and pigs on North Dakota farms on December 1, 1980 totaled 265,000 head, down 28 percent from December 1, 1979. Breeding hogs totaled 40,000, a decrease of 29 percent from 1979, while the number of market hogs fell 28 percent to 225,000 head. The average value per head for all hogs, at $65.50, was up from the $55.50 average value of a year earlier.

Hog producers farrowed 34,000 sows between December 1, 1979 and June 1, 1980, 1,000 less than in the same period a year earlier. Twenty-eight thousand sows farrowed during June-November, 26 percent less than the comparable period in 1979. Litter size averaged 7.2 for the spring crop and 7.5 pigs per litter for the fall crop. There were 4,000 hog farms in North Dakota in 1980, down 500 from 1979.

LIVESTOCK INVENTORY NUMBERS, NORTH DAKOTA, SPECIFIED DATES, 1977-81

Species	CATTLE AND SHEEP						
	1978		1979		1980		1981
	January 1	July 1	January 1	July 1	January 1	July 1	January 1
	Thousand Head						
ALL CATTLE	2,050	2,545	1,967	2,460	2,000	2,420	1,850
Cows and Heifers that have calved	1,080	1,127	1,058	1,109	1,055	1,098	1,003
Beef	976	1,027	962	1,014	962	1,005	910
Milk	104	100	96	95	93	93	93
Heifers over 500 lbs.	222	232	224	224	232	198	218
Beef Replacement	127	135	121	155	140	130	120
Milk Replacement	23	21	22	22	22	22	22
Other	72	76	81	47	70	46	76
Steers over 500 lbs.	123	155	142	138	143	127	148
Bulls over 500 lbs.	51	46	49	49	50	48	46
Steers, Heifers and Bulls under 500 lbs.	574	985	494	940	520	949	435
ALL SHEEP AND LAMBS	213		198		236		262
Number on Feed	48		38		46		52
Total Stock Sheep	165		160		190		210
Ewes 1 year plus	126		115		135		153
Ewe Lambs	28		32		39		39
Wether and Ram Lambs	5		8		10		11
Rams and Wethers 1 year plus	6		5		6		7

Species	HOGS AND CHICKENS						
	1977	1978		1979		1980	
	December 1	June 1	December 1	June 1	December 1	June 1	December 1
	Thousand Head						
ALL HOGS AND PIGS	320	330	335	330	370	330	265
Kept for Breeding	54	56	61	58	56	48	40
Market	266	274	274	272	314	282	225
Market Hogs and Pigs by Weight Groups							
Under 60 Pounds	96	140	108	145	104	140	83
60-119 Pounds	57	58	68	57	78	62	56
120-179 Pounds	56	43	51	41	69	46	45
180 Pounds and Over	57	33	47	29	63	34	41
ALL CHICKENS	600		560		520		420
Hens Laying Age	240		220		260		210
Pullets Laying Age	250		270		180		125
Other (excluding Broilers)	110		70		80		85

Sheep

All sheep and lambs on North Dakota farms on January 1, 1981, totaled 262,000, an increase of 11 percent from January 1, 1980. Stock sheep and lambs were estimated at 210,000, up 11 percent from last year and the highest number since 1975. The 1980 lamb crop totaled 173,000, an increase of 21 percent from last year. Sheep and lambs on feed for the slaughter market were estimated at 52,000, an increase of 13 percent from January 1, 1980. The number of sheep farms in North Dakota during 1980, at 1,900, increased by 100 from 1979. The total value of sheep and lambs on hand January 1, 1981 was estimated at $18.3 million, down from the $22.5 million of last year. Average value per head fell from $95.50 last year to $70.00 on January 1, 1981.

Chickens and Turkeys

The number of chickens on North Dakota farms totaled 420,000 on December 1, 1980. This was a decrease of 19 percent from the December 1, 1979 total. Hens and pullets of laying age numbered 335,000, a decrease of 24 percent from a year earlier. The number of pullets 3 months old and older, at 50,000, was down 12 percent from the previous year. The average value per bird, at $2.20, increased 52 percent from $1.45 a year earlier, and the total value of the inventory increased 23 percent to $924,000.

Turkey producers raised an estimated 955,000 birds in 1980, 1 percent more than in 1979. Gross income from turkeys was $8,079,000.

Number of Livestock Farms by Specie and Number of All Farms, North Dakota, 1976-80

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
	- - - - - - Thousand - - - - - - -				
1976	24.5	6.0	5.1	2.0	41.5
1977	24.0	5.5	5.0	1.9	41.0
1978	22.0	5.1	4.8	1.8	41.0
1979	22.0	4.8	4.5	1.8	40.5
1980	21.0	4.2	4.0	1.9	40.0

Dairy

A total of 907 million pounds of milk was produced in North Dakota in 1980, 4 percent more than the previous year. Milk production per cow averaged 9,753 pounds, 6 percent higher than 1979. During 1980, an average of 93,000 milk cows were in production, 2 percent less than the previous year.

Of the total milk produced, 380 million pounds was fluid grade sales to plants and 485 million pounds was manufactured grade sales to plants. There was also a minimal amount which was either sold as farm separated cream, sold direct to consumers by producer dealers, or consumed at state institutions where produced. Of the remaining milk, 12 million pounds was consumed on farms and 26 million pounds of whole milk was fed to livestock.

For 1980, the farm value of the total milk production, including all marketings and farm uses, was $107.0 million, an increase of 11 percent from 1979. The average price per hundredweight received for wholesale milk receipts was $11.80 compared to $11.06 in 1979. The average fat test for 1980 was 3.57 percent compared to 3.58 percent in 1979.

Livestock Values, North Dakota, January 1, 1976-80 Average, 1980 and 1981

Species and Class	Value per Head - Jan. 1			Total Value - Jan. 1		
	Average 1976-80	1980	1981 1/	Average 1976-80	1980	1981 1/
	--- Dollars ---			--- Thousand Dollars ---		
All Cattle	333.00	535.00	510.00	690,798	1,070,000	943,500
All Hogs 2/	65.80	55.50	65.50	22,441	20,535	17,358
All Sheep	58.80	95.50	70.00	13,023	22,538	18,340
All Chickens 2/	1.57	1.45	2.20	943	754	924

1/ Preliminary. 2/ Relates to December 1 previous year.

CALF, LAMB AND PIG CROPS: North Dakota, 1975-80

Year	Calf Crop	Lamb Crop			Pig Crop						
	Calves Born	Breeding Ewes 1 Year Plus January 1	Lamb Crop		Spring			Fall			Annual Pig Crop
	Number		Number Head	As % of Ewes 1 Yr.+	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop	
	(Head)	(Head)	(Head)	(%)	(000)	(Number)	(000)	(000)	(Number)	(000)	(000)
1975	1,300,000	173	201	116	40	7.4	296	32	7.8	250	546
1976	1,190,000	143	163	114	39	7.7	300	31	7.5	233	533
1977	1,130,000	138	170	123	34	7.3	248	28	7.4	207	455
1978	1,050,000	126	152	121	34	7.5	255	32	7.2	230	485
1979	1,040,000	115	143	124	35	7.3	256	38	7.4	281	537
5-Yr.Avg. 1975-79	1,142,000	139	166	119	36	7.4	271	32	7.5	240	511
1980	1,060,000	135	173	128	34	7.2	245	28	7.5	210	455

CATTLE

CATTLE AND CALVES: Production, Disposition and Income, North Dakota, 1975-79 Average, 1979 (Revised) and 1980 (Preliminary)

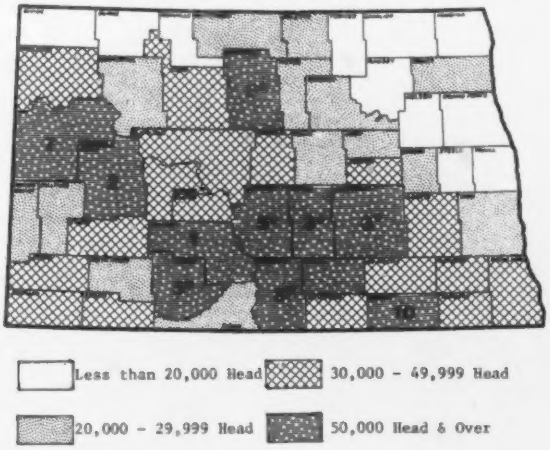
Item	Unit	Cattle & Calves 1975-1979 Average	1979			1980		
			Cattle	Calves	Total	Cattle	Calves	Total
Number on Hand Beginning of Year	000 Hd.	2,253			1,967			2,000
Calves Born	000 Hd.	1,142			1,040			1,060
Inshipments	000 Hd.	61			53			50
Marketings	000 Hd.	1,205	587	349	936	760	411	1,171
Farm Slaughter	000 Hd.	11			9			10
Deaths	000 Hd.	114	25	90	115	19	60	79
Number on Hand End of Year	000 Hd.	2,126			2,000			1,850
Production	000 Lbs.	792,124			741,780			818,240
Marketings	000 Lbs.	905,605			739,440			929,700
Price per 100 Lbs.	Dollars	44.24	67.70	88.60	71.15	61.10	78.20	63.75
Cash Receipts	000 Dols.	380,968			526,130			592,645
Value of Home Consumption	000 Dols.	9,710			12,629			12,764
Gross Income	000 Dols.	390,679			538,759			605,409

Number of Cattle Feedlots by Size Groups and Number of Fed Cattle Marketed, North Dakota, 1976-80

Year	Feedlot Capacity				Total All Feedlots	
	Under 1,000 Head		1,000 Head & Over			
	No. Lots	Cattle Marketed	No. Lots	Cattle Marketed	No. Lots	Cattle Marketed
	(No.)	(000 Hd.)	(No.)	(000 Hd.)	(No.)	(000 Hd.)
1976	886	47	14	24	900	71
1977	886	29	12	34	898	63
1978	1,488	41	12	29	1,500	70
1979	1,481	32	19	38	1,500	70
1980 1/	1,437	37	13	36	1,450	73

1/ Preliminary.

DISTRIBUTION OF ALL CATTLE BY COUNTIES
NORTH DAKOTA, JANUARY 1, 1981



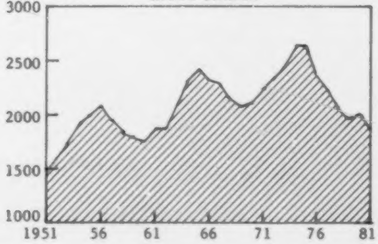
•Denotes Tie in Rankings

Cattle on Feed for Slaughter Market by Class and Weight Groups by Quarterly Dates, 1979-80, and Sheep and Lambs on Feed, Jan. 1, 1980-81

Class and Weight Group	January 1		April 1		July 1	Oct. 1
	1980	1981	1980	1981	1980	1981
	--- Number of Head ---					
Cattle on Feed	39,000	37,000	42,000	38,000	43,000	32,000
By Classes						
Steers & Steer Calves	24,000	22,000	25,000	21,000	25,000	20,000
Heifers & Heifer Calves	15,000	14,000	16,000	16,000	18,000	11,000
Cows & Others	0	1,000	1,000	1,000	0	1,000
By Weight Groups 1/						
Under 500 Pounds	0	2,000	2,000	0	0	0
500-699 Pounds	20,000	11,000	17,000	15,000	6,000	5,000
700-899 Pounds	4,000	11,000	12,000	15,000	24,000	11,000
900 Pounds & Over	15,000	12,000	10,000	7,000	13,000	15,000
Sheep & Lambs on Feed	46,000	52,000	---	---	---	---

1/ Excludes cows.

ALL CATTLE ON FARMS
JANUARY 1, 1951-81
NORTH DAKOTA



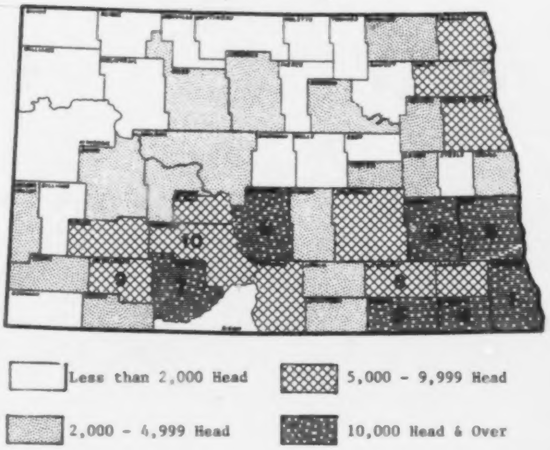
HOGS & POULTRY

HOGS: Production, Disposition & Income, North Dakota, 1975-79 Average, 1979 (Revised) and 1980 (Preliminary)

Item	Unit	All Hogs		
		1975-79 Average	1979	1980
Number on Hand 1/ December 1	000 Hd.	331	335	370
Pig Crop	000 Hd.	511	537	455
Inshipments	000 Hd.	13	16	15
Marketings	000 Hd.	454	457	510
Farm Slaughter	000 Hd.	16	16	15
Deaths	000 Hd.	45	45	50
Number on Hand December 1	000 Hd.	341	370	265
Production	000 Lbs.	97,852	109,581	96,859
Marketings	000 Lbs.	90,795	95,605	105,518
Price per 100 Lbs.	Dollars	41.98	40.80	35.00
Cash Receipts	000 Dols.	39,002	39,801	37,990
Value of Home Consumption	000 Dols.	2,911	3,835	2,591
Gross Income	000 Dols.	41,913	43,636	40,581

1/ December 1 preceding year.

DISTRIBUTION OF ALL HOGS BY COUNTIES
NORTH DAKOTA, DECEMBER 1, 1980



FARM CHICKENS & EGGS: Production, Disposition and Income, North Dakota, 1979 (Revised), 1980 (Preliminary)

Item	Unit	1979	1980
FARM CHICKENS			
Raised	000 Birds	800	1,500
Lost	000 Birds	150	200
Produced	000 Birds	650	1,300
Consumed on Farms	000 Birds	300	600
Sold	000 Birds	390	800
Pounds Produced	000 Lbs.	2,598	5,212
Consumed on Farms	000 Lbs.	1,140	2,280
Pounds Sold	000 Lbs.	1,638	3,360
Price per Pound	Cents	4.0	4.0
Cash Receipts	000 Dols.	66	134
Value of Chickens Consumed	000 Dols.	46	91
Gross Income	000 Dols.	112	225
EGGS			
Average Number of Layers during Year	000 Birds	479	367
Eggs per Layer	Number	232	223
Eggs Produced	Mil.Eggs	111	82
Eggs Consumed on Farms	Mil.Eggs	10	6
Eggs Sold	Mil.Eggs	101	76
Price per Dozen	Cents	38.0	36.0
Cash Receipts	000 Dols.	3,198	2,280
Value of Eggs Consumed on Farms	000 Dols.	317	180
Gross Income	000 Dols.	3,515	2,460

TURKEYS: Production and Income, North Dakota, 1979-80

Turkeys	Unit	1979	1/1980
Number Raised 2/	000 Head	950	955
Production	000 Lbs.	15,200	17,190
Price per Pound	Cents	43.0	47.0
Gross Income	000 Dols.	6,536	8,079

1/ Preliminary. 2/ Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

EGG PRODUCTION: Average Number of Layers, Eggs per 100 Layers and Total Egg Production, North Dakota, by Quarters, 1979-80

Quarter Ending	First Day of Month		Number of Eggs Produced
	Average No. of Layers	Production per 100 Layers	
	(000 Layers)	(No.)	(Mil.Eggs)
		1979	
December 2/	490	59.0	27
March	500	65.0	28
June	490	71.0	31
September	460	58.0	28
Annual	3/479	4/232.0	111
		1/1980	
December 2/	360	58.0	24
March	410	5/	22
June	365	5/	21
September	350	5/	20
Annual	3/367	4/223.0	82

1/ Preliminary. 2/ Dec.preceding year. 3/ Average number of farms. 4/ Ann.average per layer. 5/ Estimates discontinued.

SHEEP & SLAUGHTER

SHEEP AND LAMBS: Farm Production, Disposition and Income, North Dakota, 1975-79 Average, 1979 (Revised) and 1980 (Preliminary)

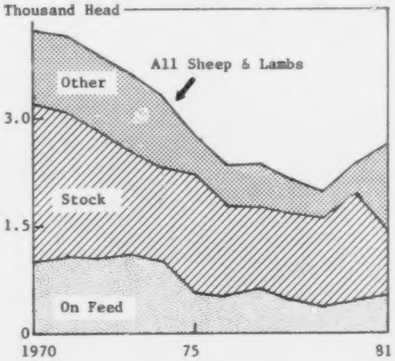
Item	Unit	Sheep & Lambs 1975-1979 Average	1979			1980		
			Sheep	Lambs	Total	Sheep	Lambs	Total
Number on Hand Beginning of Year	000 Hd.	231			198			236
Lambs Saved	000 Hd.	166			143			173
Inshipments	000 Hd.	12			22			14
Marketings	000 Hd.	142	7	80	87	15	105	120
Farm Slaughter	000 Hd.	1			1			1
Deaths	000 Hd.	43	19	20	39	20	20	40
Number on Hand End of Year	000 Hd.	223			236			262
Production	000 Lbs.	12,393			11,694			14,418
Marketings	000 Lbs.	14,355			8,387			11,762
Price per 100 Pounds	Dollars	43.65	24.50	68.20	63.65	24.60	61.90	55.95
Cash Receipts	000 Dols.	5,905			5,338			6,581
Value of Home Consumption	000 Dols.	120			143			129
Gross Income	000 Dols.	6,025			5,481			6,710

SHEEP SHORN, WOOL PRODUCTION AND PRICE, North Dakota, 1975-80

Year	Sheep Shorn	Wool Production	Fleece Weight	Price per Pound 1/	Value of Wool Production
	(000 Hd.)	(000 Lbs.)	(Lbs.)	(Dols.)	(000 Dols.)
1975	224	2,210	9.9	.35	774
1976	198	1,908	9.6	.59	1,126
1977	179	1,748	9.8	.70	1,224
1978	169	1,670	9.9	.74	1,236
1979	175	1,704	9.7	.82	1,397
5-Yr.Avg. (1975-79)	189	1,848	9.8	.64	1,151
1980	207	1,981	9.6	.84	1,664

1/ Does not include incentive payments.

SHEEP & LAMBS ON FARMS JANUARY 1
North Dakota, 1970-81



COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NORTH DAKOTA, 1980 1/

Month	Cattle			Hogs			All Species - Cattle, Hogs, Calves & Sheep	
	Number	Average Liveweight Per Head	Total Liveweight	Number	Average Liveweight per Head	Total Liveweight	Total Liveweight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)	(000 Lbs.)
January	5.3	1,068	5,660	2.5	233	578	6,251	2,971
February	4.6	1,145	5,273	3.0	246	738	6,011	2,890
March	4.0	1,227	4,943	3.6	240	870	5,813	2,837
April	3.8	1,081	4,133	5.5	234	1,281	5,421	3,010
May	12.9	1,092	14,135	4.4	231	1,025	15,194	7,852
June	12.1	1,082	13,105	4.4	235	1,029	14,142	7,418
July	13.8	1,057	14,600	4.0	229	905	15,513	8,167
August	14.5	1,035	15,026	3.6	218	783	15,815	8,409
September	13.0	1,009	13,158	4.0	234	935	14,106	7,831
October	17.3	1,019	17,644	4.8	235	1,119	18,776	10,376
November	16.6	1,018	16,855	5.3	241	1,281	18,146	9,703
December	16.5	1,025	16,903	5.7	233	1,316	18,231	9,752
TOTAL	134.5	1,051	141,435	50.7	234	11,859	153,568	81,215

1/ Totals may not add due to rounding.

DAIRY

MILK PRODUCTION, DISPOSITION AND INCOME,
North Dakota, 1979 (Revised), 1980 (Prelim.)

Item	Unit	1979	1980
Average Number of Milk Cows on Farms	000 Head	95	93
Production of Milk and Milkfat			
a) Per Cow, Milk	Pounds	9,200	9,753
b) Per Cow, Milkfat	Pounds	329	348
c) Percent of fat in Milk	Percent	3.58	3.57
d) Total:			
Milk	Mil.Lbs.	874	907
Milkfat	Mil.Lbs.	31	32
Milk Used on Farms Where Produced			
a) Fed to Calves	Mil.Lbs.	26	26
b) Used for milk, cream & butter	Mil.Lbs.	14	12
c) Total	Mil.Lbs.	40	38
Milk Marketed By Farmers			
Sold to plants and dealers as whole milk 1/	Mil.Lbs.	834	869
Combined Marketing of Milk and Cream			
a) Milk Utilized	Mil.Lbs.	834	869
b) Average returns			
1. Per 100 lbs. of milk	Dollars	11.06	11.80
2. Per lb. of milkfat	Dollars	3.09	3.31
c) Cash Receipts from marketing	000 Dols.	92,267	102,542
Used for Milk, Cream and Butter on Farms Where Produced			
a) Milk Utilized	Mil.Lbs.	14	12
b) Value	000 Dols.	15.48	14.16
Gross Producer Income 2/	000 Dols.	93,815	103,958
Farm Value of Milk Produced	000 Dols.	96,664	107,026

1/ Includes small amount of farm skimmed cream and milk and cream retailed directly to consumer by producers.

2/ Cash receipts plus value of milk used for home consumption.

MILK PRODUCTION: Cows Milked, Production per Cow, and Total Production, North Dakota, by Months, 1979-80

Month	1979 Revised			1980 Preliminary		
	No. of Cows Milked	Production Per Cow	Total Milk Produced	No. of Cows Milked	Production Per Cow	Total Milk Produced
	(000 Hd.)	(Lbs.)	(Mil.Lbs.)	(000 Hd.)	(Lbs.)	(Mil.Lbs.)
Jan.	97	715	69	93	740	69
Feb.	96	690	66	93	740	69
Mar.	96	780	75	93	830	77
Apr.	95	810	77	93	870	81
May	95	900	86	93	980	91
June	95	950	90	93	960	89
July	94	910	86	93	930	86
Aug.	94	815	77	93	850	79
Sept.	93	670	62	93	730	68
Oct.	93	650	61	93	700	65
Nov.	93	635	59	93	700	65
Dec.	93	710	66	93	730	68
ANNUAL	1/95	9,200	874	1/93	9,753	907

1/ Average number on farms during year.

MONTHLY NATURAL CHEESE & CREAMERY BUTTER PRODUCTION
North Dakota, 1978-79

Month	Natural Cheese		Creamery Butter	
	1978	1979	1978	1979
	- - - - - - Thousand Pounds - - - - - -			
January	3,990	3,521	580	626
February	3,746	3,222	554	607
March	4,208	3,788	565	635
April	4,295	3,958	550	639
May	5,259	4,452	591	698
June	5,890	4,786	632	640
July	5,215	4,641	467	538
August	4,207	3,920	450	511
September	3,302	3,316	399	387
October	3,184	3,085	440	415
November	3,121	3,012	417	426
December	3,359	3,251	454	374
Total	49,776	44,952	6,099	6,496

Source: See table below.

MANUFACTURED DAIRY PRODUCTS PRODUCTION
North Dakota, 1978-79

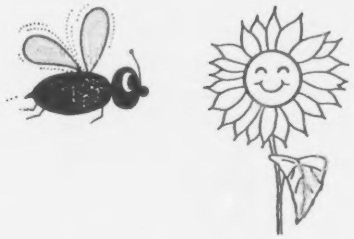
Item	Unit	1978	1979
Creamery Butter	000 Lbs.	6,099	6,496
Cheese (excludes cottage cheese)	000 Lbs.	49,776	44,952
Cottage Cheese Creamed	000 Lbs.	3,321	3,108
Lowfat Cottage Cheese	000 Lbs.	1,417	1,513
Non-Fat Dry Milk: Human Food	000 Lbs.	4,983	5,498
Dry Buttermilk	000 Lbs.	417	512
Ice Cream	000 Gal.	2,432	2,379
Ice Milk	000 Gal.	1,069	989
Milk Sherbet	000 Gal.	129	122
Ice Cream Mix	000 Gal.	1,231	1,191
Ice Milk Mix	000 Gal.	506	461
Milk Sherbet Mix	000 Gal.	79	80

Source: N.D. State Dairy Commissioner and N.D. Crop and Livestock Reporting Service cooperating.

HONEY

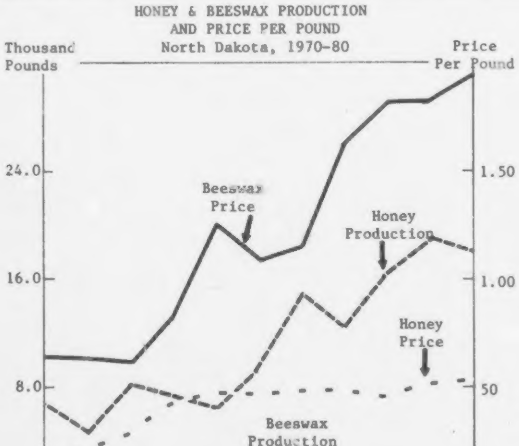
Honey and Beeswax

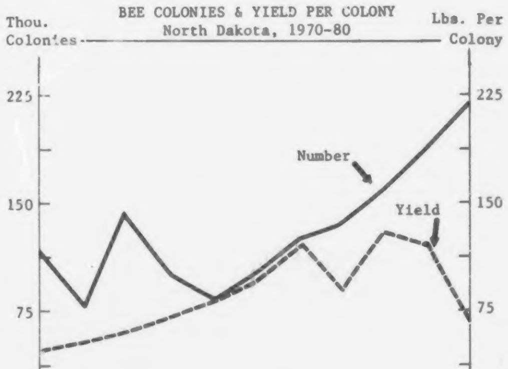
A total of 14,300,000 pounds of honey was produced in 1980, down 37 percent from last year's record high of 22,800,000 pounds. Colony numbers continued their upward trend rising to 220,000, 16 percent greater than last year and a record high for the State. Just ten years ago there were only 58,000 colonies. The 1980 drought contributed to a drop in yield per colony to 65 pounds compared with 120 pounds in 1979. Beeswax production fell 30 percent from the record 365,000 pounds in 1979 to 257,000 pounds in 1980. There were 2,145,000 pounds of honey on hand for sale December 15, 1980, 41 percent less than last year. Total value of honey production, at $7,550,000 was down 36 percent and the value of beeswax production was down 25 percent to $501,000.



COLONIES OF BEES, HONEY AND BEESWAX PRODUCTION AND PRICES, NORTH DAKOTA, 1966-80

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols.)	(000 Lbs.)	(000 Lbs.)	(Dols.)	(000 Dol.)
1966	46	115	5,290	.132	698	317	90	.48	43
1967	52	102	5,304	.136	721	636	85	.66	56
1968	55	90	4,950	.137	678	693	89	.65	58
1969	53	125	6,625	.146	967	1,855	113	.64	72
1970	58	113	6,554	.162	1,062	2,425	131	.64	84
1971	59	77	4,543	.214	972	1,531	95	.64	61
1972	63	142	8,946	.281	2,514	1,789	175	.62	109
1973	72	100	7,200	.440	3,168	1,440	122	.83	101
1974	80	80	6,400	.490	3,136	600	166	1.25	208
1975	100	94	9,400	.463	4,352	1,974	132	1.08	143
1976	125	120	15,000	.492	7,380	2,325	225	1.15	259
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668
1980	220	65	14,300	.528	7,550	2,145	257	1.95	501





ALL CATTLE ON NORTH DAKOTA FARMS BY COUNTIES, 5-YEAR AVERAGE, JANUARY 1, NUMBERS, 1979-81

MILK COWS ON NORTH DAKOTA FARMS BY COUNTIES, JANUARY 1, 1979-81

District and County	5-Year Average 1/ 1976-80	Number on Farms			5-Year Average 1/ 1976-80	Number on Farms		
		1979	1980	1981		1979	1980	1981
	- - - Number of Head - - -				- - - Number of Head - - -			
Burke	17,000	15,000	15,000	14,000	600	500	700	700
Divide	18,000	17,000	16,000	15,000	300	200	300	300
Mountrail	40,000	36,000	36,000	29,000	1,500	1,300	1,200	1,000
Renville	10,000	10,000	9,000	8,000	800	600	600	900
Ward	44,000	40,000	41,000	35,000	3,200	2,400	2,000	2,500
Williams	41,000	40,000	37,000	33,000	500	400	600	500
Northwest	170,000	158,000	154,000	134,000	6,900	5,400	5,400	5,900
Benson	36,000	32,000	30,000	29,000	1,400	1,100	1,500	1,600
Bottineau	25,000	23,000	22,000	21,000	800	500	900	800
McHenry	74,000	68,000	66,000	62,000	3,200	3,100	2,600	3,000
Pierce	32,000	27,000	28,000	29,000	2,900	2,800	2,500	2,500
Rolette	23,000	22,000	23,000	24,000	700	600	600	500
North Central	190,000	172,000	169,000	165,000	8,900	8,100	8,100	8,400
Cavalier	12,000	10,000	11,000	11,000	500	400	400	400
Grand Forks	20,000	19,000	18,000	18,000	1,100	1,100	900	1,000
Nelson	17,000	16,000	16,000	17,000	1,000	900	1,000	1,000
Pembina	12,000	11,000	11,000	11,000	300	200	200	200
Ramsey	11,000	10,000	9,000	8,000	500	400	500	400
Towner	8,000	7,000	6,000	6,000	300	200	200	300
Walsh	21,000	19,000	20,000	20,000	1,000	900	1,000	1,000
Northeast	101,000	92,000	91,000	91,000	4,700	4,100	4,200	4,300
Dunn	93,000	92,000	94,000	80,000	2,400	2,200	1,700	1,700
McKenzie	81,000	80,000	78,000	64,000	600	500	400	500
McLean	47,000	45,000	47,000	48,000	2,500	2,300	2,100	1,700
Mercer	49,000	45,000	48,000	38,000	2,000	1,500	1,400	1,400
Oliver	35,000	33,000	34,000	34,000	2,200	2,400	2,100	2,100
West Central	307,000	295,000	301,000	264,000	9,700	8,900	7,700	7,400
Eddy	23,000	22,000	23,000	23,000	800	700	700	700
Foster	27,000	26,000	29,000	30,000	700	500	700	500
Kidder	76,000	70,000	74,000	70,000	3,300	3,300	2,800	2,700
Sheridan	32,000	29,000	31,000	33,000	2,000	2,000	1,700	1,600
Stutsman	79,000	78,000	74,000	70,000	4,900	5,100	4,700	4,600
Wells	36,000	32,000	30,000	28,000	1,800	1,500	1,700	1,500
Central	274,000	257,000	261,000	254,000	13,400	13,100	12,300	11,600
Barnes	43,000	36,000	36,000	31,000	2,000	1,700	1,600	1,900
Cass	34,000	31,000	31,000	27,000	1,300	1,000	1,000	1,000
Griggs	21,000	22,000	21,000	21,000	1,000	1,100	1,100	800
Steele	9,000	7,000	7,000	6,000	300	200	200	300
Traill	11,000	10,000	9,000	8,000	800	600	900	900
East Central	119,000	106,000	104,000	93,000	5,600	4,600	4,800	4,900
Adams	36,000	32,000	34,000	31,000	900	700	700	700
Billings	31,000	30,000	31,000	27,000	400	400	400	400
Bowman	34,000	32,000	35,000	35,000	500	500	400	500
Golden Valley	26,000	26,000	27,000	28,000	900	900	700	800
Hettinger	31,000	28,000	28,000	23,000	2,200	2,300	2,000	1,800
Slope	31,000	30,000	30,000	30,000	600	600	800	700
Stark	64,000	60,000	59,000	47,000	5,500	5,000	5,100	5,000
Southwest	253,000	238,000	244,000	221,000	11,000	10,400	10,100	9,900
Burleigh	63,000	64,000	65,000	66,000	2,500	2,900	2,500	2,500
Emmons	67,000	64,000	64,000	62,000	5,600	5,800	5,900	5,900
Grant	69,000	64,000	66,000	66,000	4,100	4,300	3,700	3,500
Morton	108,000	100,000	104,000	96,000	8,400	8,400	7,700	7,200
Sioux	39,000	31,000	33,000	26,000	1,100	1,400	900	1,100
South Central	347,000	323,000	332,000	316,000	21,700	22,800	20,700	20,200
Dickey	69,000	62,000	68,000	58,000	2,300	1,900	2,500	2,600
LaMoure	49,000	44,000	45,000	39,000	4,200	4,000	3,900	4,000
Logan	55,000	52,000	56,000	50,000	4,200	4,100	3,700	4,300
McIntosh	50,000	46,000	48,000	48,000	4,600	4,500	4,500	4,300
Ransom	43,000	38,000	39,000	32,000	1,200	1,200	1,300	1,200
Richland	48,000	41,000	42,000	39,000	2,900	2,400	2,100	2,000
Sargent	52,000	43,000	46,000	46,000	1,800	1,500	1,700	2,000
Southeast	366,000	326,000	344,000	312,000	21,200	19,600	19,700	20,400
STATE	2,126,000	1,967,000	2,000,000	1,850,000	103,000	97,000	93,000	93,000

1/ Totals may not add due to rounding

ALL HOGS AND PIGS ON NORTH DAKOTA FARMS BY COUNTIES, 5-YEAR AVERAGE, DECEMBER 1 NUMBERS, 1978-80

ALL SHEEP ON NORTH DAKOTA FARMS BY COUNTIES, JANUARY 1, 1979-81

District and County	5-Year Average 1/1975-79	Number on Farms			5-Year Average 1/1976-1980	Number on Farms		
		1978	1979	1980		1979	1980	1981
	- - - N u m b e r	o f	H e a d - - -					
Burke	800	900	1,000	500	2,700	2,000	2,700	3,400
Divide	2,600	3,000	2,600	1,800	2,100	2,100	2,000	1,800
Mountrail	1,200	1,300	1,400	800	4,100	3,000	4,100	4,200
Renville	1,100	1,200	1,000	700	900	800	1,000	1,200
Ward	4,000	4,700	3,900	2,500	3,800	3,600	4,200	5,000
Williams	1,800	1,900	2,200	1,000	4,300	3,000	4,400	5,200
Northwest	11,500	13,000	12,100	7,300	17,900	14,500	18,400	20,800
Benson	5,300	4,500	5,100	3,500	3,100	2,400	2,600	2,300
Bottineau	2,800	2,300	2,700	1,400	3,700	2,500	3,500	4,300
McHenry	6,200	7,100	5,500	4,800	3,500	3,800	3,900	3,900
Pierce	1,100	1,300	1,100	900	1,800	1,600	1,700	2,100
Rolette	2,100	2,200	2,800	1,800	2,500	2,000	3,100	3,300
North Central	17,500	17,400	17,200	12,400	14,700	12,300	14,800	15,900
Cavalier	5,400	6,300	5,900	3,600	900	1,200	1,200	1,100
Grand Forks	5,000	5,800	5,900	5,000	3,500	1,900	3,000	3,000
Nelson	3,900	5,500	3,700	3,000	3,200	2,400	3,000	3,800
Pembina	8,900	11,800	8,600	7,300	2,000	1,500	2,000	2,000
Ramsey	1,800	2,500	2,100	1,200	1,700	1,000	1,700	1,800
Towner	2,000	2,100	2,300	1,000	2,700	2,500	2,800	2,400
Walsh	7,600	6,900	7,400	5,300	1,300	1,000	1,300	1,300
Northeast	34,600	40,900	35,900	26,400	15,300	11,500	15,000	15,400
Dunn	5,100	4,300	5,600	2,500	2,400	1,800	3,000	2,800
McKenzie	2,200	2,500	2,000	1,800	21,500	22,500	20,000	25,700
McLean	5,000	4,600	5,500	4,100	2,200	1,900	2,500	3,300
Mercer	2,800	2,600	3,000	2,300	1,600	1,400	1,700	1,500
Oliver	6,400	6,100	6,300	6,000	1,900	2,500	2,300	2,500
West Central	21,400	20,100	22,400	16,700	29,600	30,100	29,500	35,800
Eddy	1,400	1,000	1,400	1,000	6,400	7,200	6,100	6,400
Foster	3,200	3,200	3,700	2,900	3,600	2,500	4,000	4,100
Kidder	4,100	4,100	4,200	3,200	9,900	7,400	11,000	11,500
Sheridan	1,900	1,500	2,200	1,600	800	500	1,000	900
Stutsman	9,900	11,100	10,700	7,200	9,100	7,800	8,700	9,500
Wells	3,200	2,700	3,100	1,900	4,500	3,700	5,000	4,800
Central	23,500	23,600	25,300	17,800	34,400	29,100	35,800	37,200
Barnes	15,200	14,000	15,600	14,300	3,400	4,100	4,900	4,200
Cass	26,300	24,000	27,400	16,900	8,900	8,800	9,100	11,500
Griggs	3,000	3,400	3,200	2,000	1,900	1,700	2,400	2,000
Steele	1,400	1,200	1,600	900	3,200	2,700	3,500	4,500
Traill	6,000	5,400	6,300	4,500	1,700	1,100	2,000	1,700
East Central	52,000	48,000	54,100	38,600	19,200	18,400	21,900	23,900
Adams	3,100	3,000	2,900	2,500	5,500	5,200	6,900	6,300
Billings	600	400	500	400	300	200	300	300
Bowman	1,900	1,500	2,100	1,200	22,800	17,500	23,000	29,800
Golden Valley	4,300	4,200	5,700	3,800	2,100	2,300	2,800	3,600
Hettinger	8,300	8,500	9,400	8,800	1,100	800	1,600	2,000
Slope	3,300	3,700	3,800	3,000	3,800	2,700	3,000	3,900
Stark	8,800	8,100	10,400	7,500	3,600	4,000	4,100	4,700
Southwest	30,200	29,400	34,800	27,200	39,100	32,700	41,700	50,600
Burleigh	12,100	11,200	12,300	11,300	2,600	3,600	3,900	4,500
Emmons	8,400	9,200	10,000	7,900	2,100	1,400	1,500	1,400
Grant	13,900	16,100	16,500	11,000	8,600	10,700	8,600	11,500
Morton	15,000	13,400	15,800	8,700	5,500	4,300	7,000	7,400
Sioux	1,800	2,000	2,000	1,200	900	500	1,000	900
South Central	51,200	51,900	56,600	40,100	19,700	20,500	22,000	25,700
Dickey	18,800	18,000	21,000	13,500	8,500	8,500	9,300	8,700
LaMoure	11,400	10,500	13,400	9,400	5,700	4,700	6,600	8,500
Logan	1,800	2,200	2,500	2,100	2,200	1,400	2,600	2,300
McIntosh	3,400	3,900	4,900	2,600	2,500	2,800	3,200	3,500
Ransom	12,700	12,000	14,300	8,300	6,600	6,100	7,500	7,300
Richland	32,600	27,500	36,600	28,700	2,500	1,900	2,500	2,100
Sargent	18,100	16,600	18,900	13,900	5,000	3,500	5,200	4,300
Southeast	98,900	90,700	111,600	78,500	33,000	28,900	36,900	36,700
STATE	341,000	335,000	370,000	265,000	222,800	198,000	236,000	262,000

1/ Totals may not add due to rounding.

PRICES

NORTH DAKOTA PRICES

Prices received by farmers in 1980 were above the levels of a year earlier for all major crops, but prices for most major livestock items declined or were unchanged from 1979 levels. Major increases in season average prices were recorded for baled hay, which doubled in price due to the drought, and potatoes, up 72 percent. Average prices for durum wheat, and other spring wheat rose 20 and 15 percent, respectively. Prices for other crops ranged from 2 to 40 percent higher than in 1979.

Annual average prices for livestock and livestock products ranged from a 9 percent increase for turkeys to a 14 percent decline for hogs. Average prices for milk, milk cows, and wool increased from 1979, but all other items showed price declines, except sheep and chicken prices which were virtually unchanged from the previous year.

Season average prices for crops are computed by weighting monthly sales by the estimated percentage of sales made each month during the marketing year. These prices include allowances for unredeemed loans and government purchases, if any. Calendar year averages are simple averages of the monthly prices listed below.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices received by farmers relate to the average price the farmer received for his product -- generally at the point of first sale -- and ranging from sales at the farm to delivered. The average price concept is the same as dividing the total dollars received by all farms by the total quantity of the commodity sold. Milk is an exception and is priced F.O.B. plant or receiving station.

Prices for most small grains, soybeans, dry edible beans, and sunflower are collected from a probability sample of mill and elevators, and are based on sales for the entire month. These prices reflect actual purchases, and include any premiums or discounts paid. Corn and rye were added to this survey in August, 1980. Livestock prices for beef cattle, sheep, and hogs are collected in a similar manner, and reflect actual sales of livestock through auctions, dealers and commission firms.

Other prices, including rye and corn prices from January-July, 1980 are mid-month prices obtained from a monthly survey of buyers and sellers during a five-day period centered on the 15th of the month. For potatoes, milk sold to plants, and wool, the average covered the entire month rather than the five-day mid-month period.

Prices Received Index

The Index of Prices Received for All Farm Products averaged 262 percent of its 1966-68 base during 1980, an increase of 19 points (8 percent) from the average for 1979.

The All Crops Index rose 45 points (21 percent) during the same period, but the All Livestock and Products Index fell 23 points (8 percent) from the average for 1979.

MONTHLY AND AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS
FOR SELECTED CROPS, NORTH DAKOTA, 1979-80 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal.Yr. Avg. 3/
							------Dollars per Bushel------							
All Wheat	1979	2.77	2.78	2.84	2.84	3.07	3.55	3.70	3.66	3.91	4.23	4.03	3.74	3.43
	1980	3.69	3.78	3.73	3.73	3.94	4.33	4.83	4.68	4.45	4.60	4.74	4.71	4.27
Other Spring Wheat	1979	2.74	2.72	2.78	2.78	3.05	3.47	3.56	3.54	3.61	3.67	3.56	3.53	3.25
	1980	3.47	3.52	3.42	3.47	3.66	3.79	4.02	3.90	3.98	4.16	4.26	4.23	3.82
Durum Wheat	1979	2.81	2.89	2.96	2.97	3.13	3.72	4.02	3.90	4.32	4.85	4.64	4.31	3.71
	1980	4.14	4.18	4.05	4.00	4.45	5.07	6.04	6.00	5.48	5.41	5.43	5.55	4.98
Oats	1979	1.03	1.07	1.05	1.05	1.08	1.20	1.16	1.05	1.05	1.07	1.17	1.10	1.09
	1980	1.13	1.17	1.13	1.19	1.29	1.33	1.61	1.54	1.56	1.57	1.73	1.79	1.42
All Barley	1979	1.83	1.77	1.85	1.93	1.99	2.10	2.11	2.12	2.18	2.30	2.21	2.17	2.05
	1980	2.09	2.02	1.92	1.97	1.99	2.14	2.42	2.43	2.43	2.71	2.76	2.74	2.30
Barley, Feed	1979	1.49	1.52	1.56	1.45	1.55	1.73	2.00	1.74	1.94	1.83	1.74	1.88	1.70
	1980	1.88	1.84	1.77	1.86	1.89	1.87	2.21	2.15	1.99	2.28	2.51	2.42	2.06
Barley, Malting	1979	1.86	1.81	1.87	1.95	2.00	2.12	2.14	2.16	2.22	2.34	2.28	2.22	2.08
	1980	2.13	2.07	1.97	2.00	2.08	2.25	2.49	2.51	2.62	2.94	2.96	2.92	2.41
Flax	1979	5.59	6.12	6.28	7.07	7.22	7.19	6.78	6.45	6.18	5.38	5.39	5.48	6.26
	1980	5.55	5.76	5.79	5.31	5.60	5.84	6.44	6.59	6.99	7.10	7.18	7.65	6.32
Soybeans	1979	6.21	6.49	6.94	6.80	6.78	7.05	7.06	6.60	6.02	5.98	6.14	5.67	6.48
	1980	5.58	5.64	5.11	5.26	5.34	5.56	6.49	6.89	7.15	7.26	7.87	6.69	6.24
Dry Beans 4/	1979	14.00	14.00	14.00	14.30	16.50	19.50	--	--	18.00	19.30	22.40	25.40	17.74
	1980	28.50	28.00	28.10	27.50	26.80	28.00	28.00	23.00	23.40	24.30	25.70	24.50	26.32
Potatoes 4/	1979	2.70	2.65	2.65	2.76	2.90	3.00	--	--	2.40	2.35	2.65	3.40	2.75
	1980	3.30	3.50	3.25	2.50	2.70	3.15	--	--	6.20	4.00	4.65	5.95	3.92
All Hay, Baled 5/	1979	34.50	36.00	37.50	38.50	34.00	39.50	39.00	42.00	39.50	38.00	37.50	38.50	37.88
	1980	39.00	37.00	33.50	33.50	40.00	47.50	72.50	83.00	77.00	77.00	75.00	75.00	57.50
Alfalfa Hay, Baled 5/	1979	37.00	38.50	40.00	41.00	37.00	42.50	41.00	44.50	41.50	41.50	40.00	42.50	40.58
	1980	41.00	39.00	36.00	37.00	44.50	51.50	78.50	90.00	82.00	83.50	82.00	82.00	62.25
Other Hay, Baled 5/	1979	30.00	31.00	32.50	33.50	29.00	33.50	35.00	37.00	36.00	32.00	33.50	31.50	32.88
	1980	35.00	33.50	29.50	27.50	31.50	39.50	62.00	70.00	67.00	65.00	65.50	65.50	49.29

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1979 Revised, 1980 Preliminary. 3/ See page 75 for season average prices. 4/ Dollars per hundredweight. 5/ Dollars per ton.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS BY CROP REPORTING DISTRICTS, NORTH DAKOTA, CROPS OF 1974-80 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Season Average
		- - - Dollars per Bushel - - -									
All Wheat	1978	2.77	2.90	2.90	2.79	2.88	2.95	2.68	2.70	2.96	2.84
	1979	3.89	3.99	3.98	3.60	3.78	3.78	3.51	3.57	3.70	3.82
	2/1980										4.58
Durum Wheat	1974	5.93	5.94	6.00	5.87	6.09	5.96	5.93	5.97	6.02	5.97
	1975	4.56	4.68	4.70	4.59	4.68	4.72	4.54	4.47	4.71	4.65
	1976	2.34	2.52	2.52	2.49	2.53	2.56	2.45	2.40	2.54	2.47
	1977	2.63	2.62	2.63	2.61	2.84	2.91	2.75	2.96	2.87	2.66
	1978	2.83	2.97	2.99	3.19	2.98	2.97	2.86	2.88	3.04	2.93
	1979	4.26	4.44	4.55	4.47	4.52	4.64	4.22	4.55	4.41	4.41
	2/1980										5.35
Spring Wheat Other Than Durum	1974	4.28	4.32	4.38	4.42	4.58	4.51	4.42	4.46	4.60	4.45
	1975	3.84	3.99	3.95	4.03	4.12	4.11	3.98	4.18	4.24	4.05
	1976	2.47	2.68	2.66	2.60	2.76	2.76	2.54	2.66	2.83	2.67
	1977	2.26	2.31	2.39	2.38	2.50	2.51	2.36	2.47	2.64	2.40
	1978	2.69	2.77	2.84	2.71	2.83	2.95	2.65	2.67	2.94	2.80
	1979	3.35	3.39	3.54	3.39	3.55	3.71	3.42	3.44	3.65	3.53
	2/1980										4.05
Oats	1974	1.38	1.34	1.35	1.40	1.43	1.44	1.47	1.42	1.44	1.41
	1975	1.31	1.26	1.31	1.29	1.34	1.37	1.36	1.25	1.38	1.32
	1976	1.28	1.33	1.37	1.31	1.40	1.43	1.31	1.38	1.48	1.37
	1977	.92	.93	.94	.91	.91	.96	1.05	1.10	1.00	.94
	1978	.97	.94	1.01	.97	1.00	1.03	1.04	.92	1.03	1.00
	1979	1.14	1.14	1.12	1.11	1.12	1.17	1.20	1.15	1.18	1.16
	2/1980										1.75
Malting Barley	1974	3.44	3.46	3.41	3.21	3.48	3.51	3.20	3.10	3.33	3.42
	1975	2.64	2.71	3.74	2.55	2.86	2.85	2.02	2.36	2.75	2.61
	1976	2.40	2.47	2.32	2.36	2.51	2.49	2.14	2.25	2.54	2.41
	1977	1.60	1.65	1.70	1.78	1.74	1.68	---	---	1.95	1.69
	1978	1.73	1.75	1.77	1.84	1.84	1.95	---	1.99	1.90	1.82
	1979	1.97	2.04	2.07	1.98	2.17	2.16	2.26	1.42	2.19	2.11
Feed Barley	1974	2.26	2.22	2.22	2.24	2.30	2.28	2.33	2.29	2.28	2.27
	1975	1.91	1.89	1.98	1.86	2.02	2.08	2.10	2.01	1.97	1.98
	1976	1.79	2.02	1.95	1.95	1.97	2.03	2.04	2.08	2.04	1.99
	1977	1.27	1.19	1.31	1.33	1.23	1.40	1.49	1.33	1.31	1.32
	1978	1.44	1.39	1.41	1.45	1.41	1.46	1.47	1.34	1.48	1.44
	1979	1.68	1.79	1.75	1.53	1.91	1.87	1.78	1.69	1.97	1.83
All Barley	1974	2.89	3.27	3.16	2.60	3.27	3.35	2.48	2.45	2.71	3.10
	1975	2.27	2.58	2.60	2.25	2.69	2.69	2.10	2.02	2.26	2.55
	1976	2.15	2.40	2.22	2.17	2.32	2.26	2.05	2.09	2.18	2.24
	1977	1.45	1.50	1.59	1.36	1.49	1.51	1.49	1.35	1.62	1.54
	1978	1.69	1.74	1.74	1.55	1.83	1.90	1.47	1.38	1.84	1.78
	1979	1.92	2.00	2.01	1.91	2.03	2.11	1.87	1.87	2.15	2.06
	2/1980										2.70
Flaxseed	1974	9.40	9.55	9.60	9.55	9.77	9.55	9.30	9.42	9.68	9.60
	1975	6.30	6.51	6.51	6.42	6.57	6.54	6.19	6.48	6.55	6.51
	1976	7.00	7.23	7.31	7.11	7.17	7.22	7.00	7.06	7.23	7.18
	1977	4.41	5.02	4.30	3.98	4.52	4.34	4.42	4.59	5.17	4.64
	1978	5.79	5.81	6.20	5.78	5.94	6.03	5.41	5.58	5.73	5.84
	1979	5.79	5.64	5.54	5.46	5.85	5.75	5.61	6.18	5.86	5.76
	2/1980										7.30

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. Does not include government payments under the disaster and deficiency payments program. 2/ Preliminary - District prices not available at this time.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS, NORTH DAKOTA, 1975-80

Year	Rye	Corn	Soybeans	All Hay Baled	Alfalfa Seed	Potatoes	Sugar Beets 1/	Dry Beans	Sunflower
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Cwt.)	(Ton)	(Cwt.)	(Cwt.)
	- - - - - - - - Dollars - - - - - - -								
1975	2.34	2.52	4.99	36.00	50.00	4.20	28.50	14.70	10.80
1976	2.40	2.19	7.30	45.50	84.00	3.45	19.70	11.20	11.10
1977	1.80	1.97	5.83	44.00	102.00	2.70	21.40	15.80	10.60
1978	1.69	2.06	6.75	36.00	91.00	2.60	22.90	13.50	10.40
1979	1.70	2.13	5.80	37.50	96.50	3.25	34.10	22.50	8.89
1980 2/	2.55	3.00	6.65	75.00	98.00	5.60	---	24.70	10.70

1/ Does not include government payments. 2/ Preliminary.

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS, NORTH DAKOTA, 1979-80

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Weighted Average
		- - - Dollars per 100 Pounds Liveweight - - -												
Beef Cattle	1979	63.40	68.60	72.40	75.60	74.20	69.70	68.70	64.50	67.10	63.80	62.00	66.20	67.70
	1980	67.20	74.20	67.70	60.30	56.30	58.70	59.20	63.00	62.00	59.70	54.50	54.60	61.10
Steers & Heifers	1979	69.10	74.10	78.10	80.80	79.30	75.20	74.60	74.30	73.10	75.70	75.10	77.40	75.60
	1980	77.70	80.30	71.20	63.60	62.00	65.60	67.30	70.40	68.70	68.50	67.90	68.10	69.30
Cows	1979	46.30	50.10	52.30	55.00	54.00	50.30	47.90	44.60	50.80	44.30	43.80	44.40	47.40
	1980	48.40	50.70	47.80	46.20	42.70	43.90	45.30	45.50	46.80	44.30	42.20	42.00	44.60
Calves	1979	83.30	88.10	90.40	89.90	92.70	92.20	89.50	89.70	87.60	88.00	90.40	87.40	88.60
	1980	91.30	87.60	81.10	71.80	70.10	73.90	76.10	80.60	79.10	74.60	74.20	73.50	78.20
Hogs 1/	1979	48.80	51.20	49.40	44.30	43.30	38.40	36.90	33.80	36.00	33.20	31.50	36.00	40.80
	1980	35.20	35.20	31.60	27.10	25.80	30.60	38.40	43.50	43.40	43.00	42.20	41.20	35.00
Sheep	1979	22.60	24.00	24.50	25.00	24.00	23.50	23.00	23.50	25.00	25.00	25.00	26.30	24.50
	1980	31.00	38.00	37.00	25.00	18.00	20.70	21.40	18.10	26.10	20.30	18.40	30.50	24.60
Lambs	1979	77.50	73.30	65.30	68.00	69.00	65.00	64.00	62.40	68.60	65.00	65.50	66.40	68.20
	1980	66.60	62.60	63.30	59.10	53.10	57.00	66.50	65.00	64.20	61.40	58.90	55.90	61.90
		- - - Dollars per Head - - -												
Milk Cows	1979	800	855	880	920	980	955	985	985	995	1,050	1,090	1,050	960
	1980	1,070	1,080	1,080	1,090	1,050	1,020	1,030	1,040	1,070	1,080	1,080	1,090	1,070
		- - - Dollars per Hundredweight - - -												
Milk, Wholesale	1979	10.80	10.70	10.70	10.70	10.60	10.50	10.70	11.00	11.30	11.50	11.60	11.90	11.00
	1980	11.70	11.60	11.70	11.70	11.40	11.40	11.40	11.60	11.90	12.40	12.50	12.80	11.80
		- - - Cents per Pound Liveweight - - -												
Farm Chickens 1/	1979	---	---	---	---	---	---	---	---	---	---	---	---	4.0
	1980	---	---	---	---	---	---	---	---	---	---	---	---	4.0
Turkeys	1979	---	---	---	---	---	---	---	---	---	---	---	---	43.0
	1980	---	---	---	---	---	---	---	---	---	---	---	---	47.0
		- - - Cents per Dozen - - -												
Eggs 1/	1979	---	---	---	---	---	---	---	---	---	---	---	---	38.0
	1980	---	---	---	---	---	---	---	---	---	---	---	---	36.0
		- - - Cents per Pound - - -												
Wool	1979	79.0	76.0	77.0	84.0	84.0	79.0	88.0	80.0	71.0	77.0	80.0	82.0	82.0
	1980	83.0	86.0	90.0	85.0	78.0	73.0	76.0	78.0	83.0	88.0	81.0	86.0	84.0

1/ Average is based on marketing year December through November.

AVERAGE FARM WAGE RATES BY QUARTERLY DATES, NORTH DAKOTA, 1979-80

Month	Method of Pay							
	All Hired Workers		By Hour Only		By Cash Wages Only		By Hour Receiving Cash Wages Only	
	1979	1980	1979	1980	1979	1980	1979	1980
	---Dollars per Hour---							
January	3.55	3.75	3.66	3.51	1/	3.69	1/	3.54
April	3.22	3.77	3.98	3.90	3.73	4.05	1/	3.97
July	3.21	3.73	3.52	3.74	3.80	4.05	3.65	3.94
October	3.88	4.19	4.20	4.35	4.10	4.50	4.10	4.40
Annual Average	3.45	3.87	--	--	--	--	4.00	4.18

1/ Insufficient data for this category.

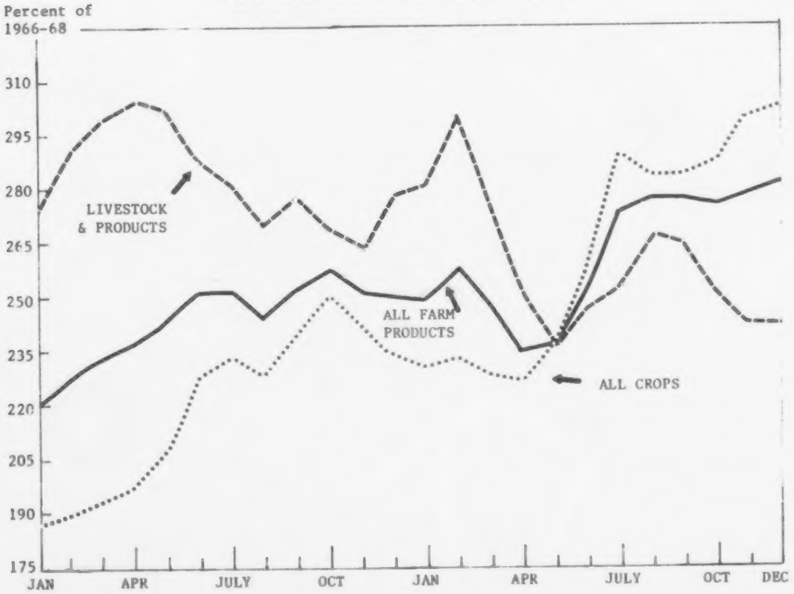
NUMBER OF PEOPLE EMPLOYED ON FARMS BY QUARTERS, NORTH DAKOTA, 1979-80

	Jan.	April	July	Oct.	Annual Average
	--- Thousand ---				
Family Workers					
1979	43	53	66	56	55
1980	36	45	55	37	43
Hired Workers					
1979	4	7	13	11	9
1980	5	7	13	12	9
Total Workers					
1979	47	60	79	67	64
1980	41	52	68	49	52

INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTHS AND CALENDAR YEAR AVERAGE, NORTH DAKOTA, 1979-80

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1966-68 = 100)							
1979													
Food Grains	179	179	183	183	198	229	238	235	251	272	259	241	221
Feed Grains & Hay	195	193	199	206	210	225	225	222	226	235	231	226	216
Oil Bearing Crops	208	224	233	253	257	258	247	234	222	200	202	200	228
Potatoes	188	184	184	191	201	208	208	208	167	163	184	236	194
Other Field & Seed Crops	183	183	183	183	186	190	190	190	234	241	245	246	205
All Crops	186	188	192	196	207	229	233	229	238	250	243	233	219
Meat Animals	287	307	319	328	324	305	300	284	294	281	275	290	300
Dairy Products	215	213	213	213	212	210	213	218	222	225	227	231	218
Poultry & Eggs	184	184	177	177	173	173	163	163	163	171	183	183	175
Wool	196	188	191	208	208	196	218	198	176	191	198	203	198
All Livestock Products	272	289	298	305	302	286	282	269	278	268	264	277	283
All Farm Products	219	226	233	238	243	251	252	245	253	257	251	250	243
1980													
Food Grains	237	243	240	239	253	278	311	301	287	297	306	304	275
Feed Grains & Hay	220	216	205	212	220	235	277	279	278	300	309	310	255
Oil Bearing Crops	201	207	203	191	200	208	234	241	254	258	266	267	228
Potatoes	229	243	226	174	188	219	219	219	431	278	323	413	264
Other Field & Seed Crops	250	248	243	243	245	248	256	250	248	252	255	254	249
All Crops	230	233	228	225	237	257	289	284	285	290	301	304	264
Meat Animals	295	317	291	258	242	255	263	280	276	257	247	246	269
Dairy Products	230	227	228	227	224	224	224	228	233	238	243	246	231
Poultry & Eggs	178	178	178	178	178	149	160	176	172	186	182	182	175
Wool	205	213	223	210	193	181	188	193	205	218	200	213	204
All Livestock Products	281	299	278	251	237	246	253	268	266	251	244	243	260
All Farm Products	249	258	247	235	237	253	275	278	278	278	279	281	262

INDEX OF PRICES RECEIVED BY NORTH DAKOTA FARMERS
FOR CROP AND LIVESTOCK PRODUCTS, 1979-80



MID-MONTH AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS, NORTH DAKOTA, 1979-80

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Av.
FEEDS		-------- Dollars per Hundredweight -------												
Soybean Meal	1979	13.00	13.00	13.50	13.00	13.50	13.50	14.00	14.50	14.00	13.50	13.50	14.00	13.58
	1980	14.00	13.50	13.50	13.50	13.50	13.00	13.50	14.00	15.00	15.50	16.50	16.50	14.33
Hog Grower, 14-18% Protein	1979	7.90	8.00	8.00	7.90	8.60	8.80	9.40	8.90	8.50	8.50	8.90	8.70	8.51
	1980	9.10	8.50	8.90	8.70	8.50	8.80	9.20	9.60	10.00	10.50	11.00	10.50	9.44
Beef Concentrate, 32-36% Protein	1979	8.20	9.10	9.60	9.00	8.70	9.10	9.70	9.20	9.10	9.30	9.60	9.80	9.20
	1980	9.60	9.00	9.00	9.20	10.50	9.80	10.50	11.00	11.50	11.50	11.50	12.50	10.47
		----- Dollars per Ton ------												
Dairy Feed, 16% Protein	1979	142	147	140	135	141	143	153	149	146	158	160	160	148
	1980	161	158	155	161	161	150	159	169	173	170	183	197	166
Laying Feed	1979	182	184	188	180	180	188	196	193	194	192	197	195	189
	1980	195	196	194	196	210	198	215	220	235	235	240	245	215
PETROLEUM PRODUCTS		---- Cents per Gallon -----												
Gasoline, Unleaded Filling Station	1979	.720	.730	.750	.790	.830	.860	.910	.970	1.010	1.030	1.040	1.070	.893
	1980	1.100	1.170	1.250	1.280	1.270	1.270	1.270	1.260	1.250	1.250	1.250	1.270	1.241
Gasoline, Regular Bulk Delivery	1979	.650	.670	.680	.710	.750	.770	.820	.880	.930	.930	.950	.980	.810
	1980	1.010	1.080	1.160	1.200	1.210	1.200	1.180	1.190	1.160	1.160	1.180	1.190	1.160
Diesel Fuel	1979	.510	.520	.550	.590	.630	.670	.730	.780	.850	.850	.870	.890	.703
	1980	.920	.960	1.010	1.030	1.020	1.030	1.040	1.000	1.000	.990	1.010	1.040	1.004

ANNUAL AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS, NORTH DAKOTA, 1979-80

Item	1979	1980	Item	1979	1980
	---Dollars---			---Dollars---	
FEEDS			PETROLEUM PRODUCTS AND MOTOR SUPPLIES		
Turkey Grower, per ton	199.00	227.00	L.P. Gas, Propane, Butane, etc., per gallon	.413	.575
Dairy Feed, 14% Protein, per ton	140.00	160.00			
Dairy Feed, 32% Protein, per ton	214.00	223.00			
Hog Concentrates, 38-42% Protein, per 100 pounds	14.17	15.13	Motor Oil,regular, non-detergent, per gallon	2.23	3.06
Bran, per 100 pounds	8.46	8.78	Motor Oil, heavy duty, detergent, per gallon	2.55	3.60
Middlings, per 100 pounds	6.38	7.00	Motor Oil, all weather, high detergent, per gallon	2.84	3.85
Corn Meal, per 100 pounds	5.63	6.38			
Molasses, Liquid, per 100 pounds	7.70	8.26			
Stock Salt, per 100 pounds	4.58	5.15	Storage Batteries, CPR 220-310 amps, each	47.00	51.63
Alfalfa Meal, per 100 pounds	7.51	6.45	Storage Batteries, CPR 315-500 amps, each	60.50	66.75
			Spark Plugs, each	1.53	1.70
SEED, RETAIL					
			Tires, Auto, tubeless, bias belted, G78-15,each	47.00	51.00
Alfalfa, Uncertified, per 100 pounds	180.00	175.00	Tires, Auto, tubeless, radial, steel belted, GR 78-15, each	71.75	79.75
Alfalfa, Certified, per 100 pounds	217.50	210.00			
Potatoes, per 100 pounds	3.10	3.90	Tires, Truck, 7.00x15, 6-ply, each	53.75	61.25
Wheat, Spring, per bushel	5.75	6.25	Tires, Tractor, Rear, 18.4-34, 6-ply, each	323.75	396.25

MISCELLANEOUS

FERTILIZER, FEED, EXPORTS

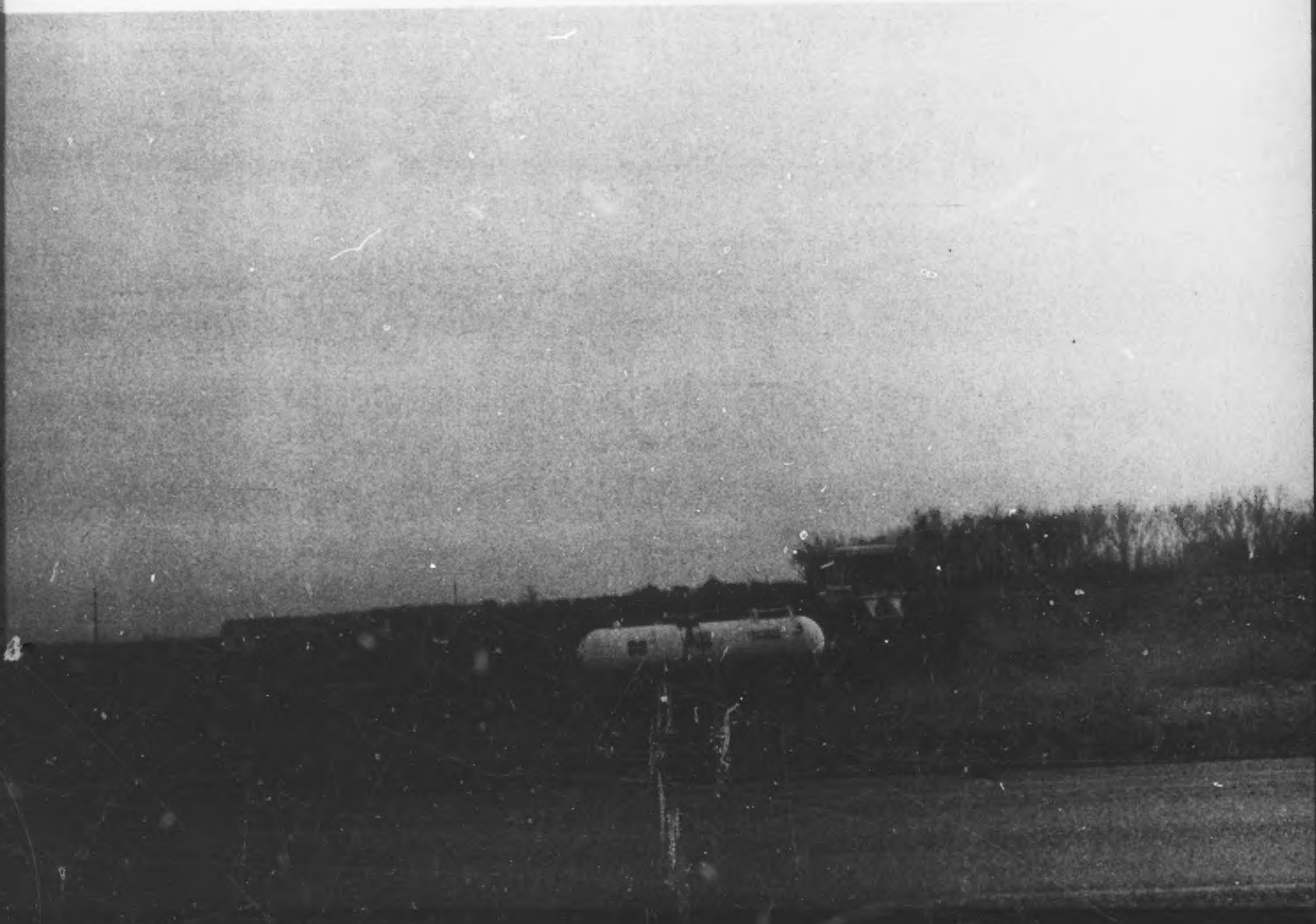
CROP INSURANCE

GRAIN SHIPMENTS

INDEX

INFORMATION AVAILABLE

CUSTOM RATES



FERTILIZER, FEED, SALES & EXPORTS

Sales of Commercial Fertilizer, North Dakota
1975-80 1/

Year	Mixed Fertilizer	Fertilizer Materials	Total
	- - - - - T o n s - - - - -		
1975 - January-June	73,169	215,531	288,700
July-December	19,339	236,236	255,575
Total	92,508	451,767	544,275
1976 - January-June	81,217	303,915	385,132
July-December	17,311	233,584	250,895
Total	98,528	537,499	636,027
1977 - January-June	56,846	359,959	416,805
July-December	10,774	200,611	211,385
Total	67,620	560,570	628,190
1978 - January-June	55,446	436,984	381,538
July-December	19,381	281,947	262,566
Total	74,827	718,931	644,104
1979 - January-June	57,694	411,710	469,404
July-December	7,801	289,686	297,487
Total	65,495	701,396	766,891
1980 - January-June	51,577	425,085	476,662
July-December	8,993	261,978	270,971
Total	60,570	687,063	747,633

1/ Source: State Laboratories Dept., Bismarck, N.D.

Commercial Feed Sales, by Kind, North Dakota,
1977-80 1/

Kind of Feed	1977	1978	1979	1980
		- - - T o n s - - -		
Chicken Feeds (Complete)	5,157	4,967	4,340	4,563
(Supplement)	1,884	1,845	1,950	1,714
Turkey Feeds (Complete)	1,384	1,014	872	872
(Supplement)	1,379	2,423	2,952	3,344
Swine Feeds (Complete)	44,686	35,750	32,950	33,750
(Supplement)	9,774	9,110	11,785	9,532
Beef Cattle Feeds (Complete)	21,789	21,922	27,673	48,918
(Supplement)	24,893	26,873	22,897	25,928
Dairy Feeds (Complete)	20,013	20,068	16,169	35,051
(Supplement)	6,837	3,639	4,922	5,834
Calf Feeds	2,174	4,359	6,306	3,599
Dog & Cat Foods (Dry)	6,980	7,185	8,184	8,842
(Canned)	2,000	398	98	---
Other Animal Feeds	2,514	1,592	4,575	8,131
Mineral Feeds	5,524	7,274	6,597	5,361
Mineralized Salt	3,774	3,867	2,826	3,349
Plain Salt	1,897	3,297	2,788	4,434
Soybean & Cottonseed Meal	7,547	9,499	8,544	9,810
Meat & Bone Meal & Animal Products	970	396	89	148
Pre-Mixes & Vitamin Supplements	1,112	239	134	149
Beet Pulp	3,447	6,001	1,108	884
Alfalfa Meal	1,060	6,226	367	2,075
Miscellaneous	3,209	3,663	11,463	10,516
TOTAL*	180,004	181,607	179,589	226,804

* Tonnage tax paid on total.
1/ Source: State Laboratories Department, Bismarck.

FERTILIZER USE ON ALL WHEAT ACREAGE HARVESTED, NORTH DAKOTA, 1975-80

Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate per Acre Receiving			Acres Fertilized 1/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At Or Before Seeding	After Seeding	At Or Before & After Seeding
	(000 Acres)	Number	- - - P e r c e n t - - -				- - P o u n d s - -			- - - P e r c e n t - - -		
1975	10,213	252	57.1	56.7	53.6	10.7	24.7	24.1	9.2	96.5	1.4	2.1
1976	11,655	247	65.2	64.8	58.3	8.5	31.9	25.3	12.9	96.9	1.2	1.9
1977	9,530	240	51.2	51.2	47.5	6.7	32.6	27.6	14.9	99.2	0.0	0.8
1978	9,300	268	60.1	58.2	54.5	9.7	33.1	25.6	13.0	99.4	0.0	0.6
1979	9,555	240	67.5	65.4	55.0	9.6	41.0	28.0	17.6	97.5	1.2	1.3
1980	9,770	245	49.0	49.0	40.0	5.3	42.7	26.1	14.9	98.3	0.0	1.7

1/ Percentages apply to acres receiving fertilizer.

Value of Export Shares of Agricultural Commodities,
North Dakota, 1978-80 1/

Commodity or Group	1978		1979		1980	
	Dollars	Percent of U.S.	Dollars	Percent of U.S.	Dollars	Percent of U.S.
	(Mil.)	(Pct.)	(Mil.)	(Pct.)	(Mil.)	(Pct.)
Wheat & Flour	420.2	10.2	656.8	13.5	873.2	13.2
Feed Grain & Products	39.5	.7	31.9	.5	70.2	.7
Sunflower Seed	135.8	60.1	249.2	67.0	318.4	62.9
Soybeans & Products	12.7	.2	19.1	.3	21.2	.2
Vegetables & Preparations	13.5	2.1	12.3	1.6	29.0	3.0
Dairy Products	1.2	.8	.8	.7	1.0	.6
Meats & Products excluding Poultry	9.4	1.4	11.4	1.4	14.0	1.6
Hides & Skins	11.7	1.4	17.1	1.3	15.1	1.4
Poultry Products	.3	.1	.3	.1	.4	.1
Lard & Tallow	10.6	1.8	12.0	1.7	15.3	2.0
Other	47.7	2.6	73.6	3.4	99.6	3.6
TOTAL	702.6	2.6	1,084.5	3.4	1,457.4	3.6

Source: Foreign Agricultural Trade of U.S.-ESS-Economics. 1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market.

FEDERAL CROP INSURANCE DATA - 1980

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Adams						
Wheat	226	74,235	3,468,085	350,838	771	1,998,617
Oats	17	317	7,829	1,588	8	5,382
Sunflowers	9	2,027	112,921	14,446	22	64,780
Barley	20	1,163	48,633	9,985	21	35,182
Barnes						
Wheat	193	45,423	2,644,542	157,280	320	998,659
Oats	62	1,770	53,100	4,248	16	7,681
Flax	72	3,350	93,800	13,065	9	3,236
C. Crop	780	250,000	13,750,000	439,666	1,373	3,236,161
Sunflowers	540	54,793	4,040,753	291,634	304	589,128
Barley	114	8,500	416,500	37,400	73	93,413
Rye	8	360	12,600	1,008	2	956
Benson						
Wheat	406	100,058	4,911,179	447,249	780	1,391,520
Oats	21	276	6,345	911	5	1,268
Flax	48	780	24,474	3,185	4	2,224
Sunflowers	81	12,830	784,164	77,967	28	49,336
Barley	111	3,573	137,435	18,511	50	59,350
Billings						
Wheat	48	9,684	450,035	48,629	100	295,430
Oats	11	536	13,933	2,740	10	11,153
Barley	7	341	7,914	1,667	3	6,320
Bottineau						
Wheat	952	205,252	10,717,402	545,605	1,735	3,582,775
Oats	22	501	12,729	1,327	12	6,529
Flax	92	1,928	59,029	7,794	32	18,816
Sunflowers	55	10,417	803,466	71,002	38	141,132
Barley	311	25,056	1,025,730	96,001	370	484,700
Bowman						
Wheat	129	47,237	2,279,374	258,146	407	1,162,580
Oats	6	249	6,940	1,553	5	5,154
Barley	14	891	40,478	6,734	11	21,839
Burke						
Wheat	374	82,214	4,351,943	252,602	450	766,350
Oats	17	187	4,781	925	4	2,346
Sunflowers	23	2,279	160,604	15,494	14	34,706
Barley	72	2,229	90,151	9,317	30	56,370
Burleigh						
Wheat	464	130,311	5,701,276	575,464	1,401	3,577,388
Oats	109	5,886	152,056	27,497	111	109,323
Flax	94	1,736	42,719	8,833	29	20,283
Sunflowers	53	7,130	438,876	50,989	38	111,113
Barley	81	1,597	61,973	12,266	38	44,648
Cass						
Wheat	704	137,884	8,508,683	445,194	366	989,734
Oats	79	1,195	48,523	3,834	13	10,396
Flax	69	1,271	36,747	3,684	8	4,194
Sugar Beets	30	4,137	763,954	39,609	9	27,288
Corn	12	266	15,164	2,067	0	0
Sunflowers	545	52,270	4,032,763	240,750	125	335,764
Soybeans	290	16,052	946,689	95,105	46	73,246
Barley	411	32,871	1,775,507	128,169	69	64,906
Cavalier						
Wheat	447	142,510	8,863,078	781,163	823	2,726,599
Oats	41	174	4,947	330	6	390
Flax	48	977	46,636	7,375	7	18,895
Sunflowers	74	9,186	712,527	58,890	69	207,483
Barley	338	39,002	2,149,002	148,123	292	616,120
Dickey						
Wheat	76	12,927	629,805	56,582	68	196,078
Oats	27	854	25,187	2,862	6	4,660
Flax	25	477	13,687	1,832	11	6,901
Sunflowers	41	5,860	388,322	40,106	6	12,557
Barley	28	754	30,455	3,894	5	4,962
Divide						
Wheat	563	133,318	8,057,018	432,239	445	895,785
Oats	15	255	7,076	1,493	6	2,754
Sunflowers	16	1,637	101,047	8,797	4	26,172
Barley	43	219	10,660	1,070	5	6,357
Dunn						
Wheat	217	46,585	2,014,422	173,728	432	1,015,432
Oats	26	1,634	46,449	7,871	26	35,996
Barley	33	824	30,749	4,899	21	21,973
Eddy						
Wheat	143	39,037	1,917,352	138,329	205	423,940
Oats	13	186	4,370	482	3	797
Flax	20	312	7,750	697	1	104
Sunflowers	56	7,493	504,343	44,313	10	37,023
Barley	20	390	15,002	1,560	10	5,130
Emmons						
Wheat	543	119,884	4,143,560	437,831	826	2,782,607
Oats	97	5,453	111,058	15,997	76	86,340
Flax	132	2,341	50,064	9,645	32	37,630
Barley	68	895	25,959	4,625	26	20,445
Foster						
Wheat	159	43,770	2,452,045	150,211	295	1,127,785
Oats	15	446	10,889	883	4	4,387
Flax	18	180	4,540	375	4	4,420
Sunflowers	102	17,408	1,206,550	100,865	92	482,448
Barley	48	1,282	60,491	5,677	18	40,850
Golden Valley						
Wheat	92	30,695	1,660,327	154,191	300	1,168,155
Oats	8	389	11,242	1,839	7	8,784
Barley	10	777	43,890	5,792	12	37,211
Grand Forks						
Wheat	310	52,966	3,071,989	125,485	363	837,441
Oats	78	615	18,291	960	18	7,146
Flax	67	994	27,792	2,499	8	7,280
Sugar Beets	6	719	105,528	4,431	6	15,696
C. Crop	118	10,896	1,452,693	35,505	130	371,930
Sunflowers	271	24,992	1,526,365	83,498	140	196,000
Barley	244	21,116	962,320	44,361	198	319,770
Grant						
Wheat	270	49,787	2,142,952	219,103	598	1,043,131
Oats	24	701	17,560	3,116	22	13,414
Sunflowers	15	1,556	74,767	9,536	13	26,343
Barley	26	695	21,811	4,865	17	14,721
Griggs						
Wheat	217	41,317	2,175,757	109,743	284	568,941
Oats	40	935	25,444	1,822	17	5,041
Flax	35	375	10,828	1,027	1	1,081
Sunflowers	151	9,895	588,471	38,775	32	81,888
Barley	107	7,085	382,983	25,475	79	137,381
Hettinger						
Wheat	346	127,258	6,671,922	583,575	1,299	3,298,450
Oats	37	1,484	45,847	7,459	32	33,161
Sunflowers	34	6,431	379 934	46,786	60	164,124
Barley	54	1,558	60,[illegible]38	9,553	31	41,588
Kidder						
Wheat	237	46,600	1,650,997	220,466	521	1,031,684
Oats	48	2,954	56,570	13,724	56	39,238
Flax	37	908	21,625	4,974	11	11,713
Sunflowers	30	2,974	163,899	19,457	23	40,931
Barley	27	209	5,430	1,574	5	3,920
LaMoure						
Wheat	259	56,344	2,713,693	215,340	364	797,743
Oats	97	2,333	66,490	7,884	35	22,569
Flax	75	1,669	47,260	4,901	21	12,204
Sunflowers	121	12,124	818,366	77,403	44	88,684
Barley	94	3,012	119,187	13,840	39	43,444
Logan						
Wheat	248	57,826	1,961,688	247,940	546	1,121,959
Oats	22	904	18,900	4,057	18	13,648
Flax	58	1,084	23,576	4,988	28	17,035
Barley	18	377	10,265	1,722	12	8,365
McHenry						
Wheat	620	125,097	5,555,854	380,789	1,210	2,092,090
Oats	72	2,422	58,169	6,919	47	30,735
Flax	76	1,427	41,213	6,643	18	6,840
Sunflowers	55	11,112	710,337	62,286	25	69,875
Barley	146	5,661	243,391	29,578	85	137,785
McIntosh						
Wheat	464	88,135	2,962,980	224,704	1,016	1,700,749
Oats	50	2,807	57,467	7,436	49	41,617
Flax	187	8,514	178,985	27,852	214	115,879
Sunflowers	22	1,217	67,895	9,677	20	25,495
Barley	27	1,364	33,331	5,070	25	19,675
McKenzie						
Wheat	193	54,129	2,975,391	229,443	522	1,742,436
Oats	6	111	3,094	392	4	2,086
Sugar Beets	0	0	0	0	0	0
Barley	14	311	12,698	1,324	5	7,643
McLean						
Wheat	920	237,717	12,777,847	671,709	1,888	3,717,895
Oats	33	1,128	28,848	3,000	25	16,678
Flax	110	998	28,146	3,482	19	9,337
Sunflowers	21	2,040	152,758	15,075	14	10,962
Barley	132	1,364	46,625	4,024	35	20,090
Mercer						
Wheat	230	37,638	1,655,852	103,550	474	682,536
Oats	20	1,274	36,144	5,119	30	27,279
Sunflowers	3	1,569	109,827	11,404	6	18,945
Barley	19	402	12,881	1,598	7	5,818
Morton						
Wheat	299	52,570	2,216,776	245,783	667	1,077,290
Oats	56	3,402	86,229	13,798	62	63,699
Forg Seeding	83	1,546	45,989	4,859	58	39,179
Forg Prod	20	1,703	57,762	6,006	22	45,868
Barley	39	1,704	60,703	11,148	29	29,193
Mountrail						
Wheat	868	182,599	10,145,362	610,263	1,030	1,732,460
Oats	62	1,028	32,342	4,968	25	19,125
Flax	31	129	4,240	721	2	3,006
Sunflowers	35	2,661	182,106	16,851	10	20,798
Barley	176	1,833	75,070	7,738	26	23,426
Nelson						
Wheat	394	85,804	4,659,864	322,397	823	1,864,918
Oats	53	320	8,609	857	9	6,048
Flax	84	1,302	37,382	3,286	9	8,558
Sunflowers	204	16,468	951,074	82,164	60	64,140
Barley	207	6,763	316,903	24,606	129	141,384

FEDERAL CROP INSURANCE DATA - 1980 (Cont.)

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Oliver						
Wheat	170	25,610	1,107,113	93,192	356	511,956
Oats	18	1,054	26,695	4,134	29	18,593
Barley	38	1,628	54,932	10,389	48	34,313
Pembina						
Wheat	268	65,291	4,113,555	144,601	355	1,117,185
Oats	16	19	556	40	2	147
Flax	10	255	10,230	1,505	6	11,106
Sugar Beets	20	2,045	341,936	14,949	6	21,152
Sunflowers	99	10,179	733,757	37,561	61	123,583
Barley	122	7,068	372,309	27,367	56	125,160
Pierce						
Wheat	471	103,926	4,646,207	377,172	1,110	2,056,830
Oats	66	1,966	44,838	6,084	29	20,445
Flax	94	1,759	54,141	6,574	22	11,088
C. Crop	48	6,877	226,206	14,220	65	74,880
Sunflowers	53	5,287	337,412	29,279	15	27,630
Barley	139	5,719	221,214	28,979	102	117,606
Rye	0	0	0	0	0	0
Ramsey						
Wheat	484	127,246	6,983,996	490,152	850	1,371,700
Oats	14	169	5,330	393	6	3,270
Flax	38	1,013	37,222	4,250	6	2,322
Sunflowers	113	13,730	943,046	79,751	86	125,044
Barley	296	19,884	910,998	73,350	290	407,740
Ransom						
Wheat	232	56,941	3,595,336	226,610	390	1,055,711
Oats	70	2,094	67,609	6,762	31	19,334
Flax	37	993	34,857	4,184	9	12,071
Corn	2	415	16,946	3,102	3	6,640
C. Crop	3	16	731	26	0	0
Sunflowers	120	16,149	1,280,629	102,820	60	152,185
Barley	91	5,035	240,291	21,140	44	54,605
Renville						
Wheat	439	98,853	5,724,804	267,930	625	1,056,875
Oats	8	477	18,340	2,341	5	6,120
Flax	70	1,247	40,031	4,622	27	14,796
Sunflowers	47	8,061	681,818	62,466	35	198,617
Barley	176	12,544	545,097	48,108	175	248,857
Richland						
Wheat	312	53,531	3,194,945	128,931	133	337,501
Oats	88	1,571	54,930	4.021	13	9,174
Flax	36	804	26,619	3,471	5	3,932
Sugar Beets	22	2,945	504,555	21,289	14	61,534
Corn	17	1,515	94,173	10,977	4	3,583
C. Crop	177	30,107	1,826,286	60,457	53	167,743
Sunflowers	308	23,001	1,771,970	101,197	131	379,753
Soybeans	172	11,829	595,763	50,766	74	125,174
Barley	206	8,188	445,837	36,604	16	24,240
Rye	0	0	0	0	0	0
Rolette						
Wheat	280	60,416	2,890,374	227,024	675	1,198,800
Oats	8	153	3,895	415	6	1,524
Flax	21	120	3,812	563	2	484
Sunflowers	41	4,987	311,291	30,911	20	34,280
Barley	96	5,627	200,194	18,741	110	85,030
Sargent						
Wheat	193	45,624	2,889,237	200,467	166	330,338
Oats	47	778	24,135	1,841	11	3,729
Flax	44	1,403	52,627	5,075	15	8,849
Corn	10	537	21,192	3,305	4	1,596
C. Crop	3	0	0	0	0	0
Sunflowers	117	12,680	1,041,344	94,243	34	155,335
Barley	88	2,592	136,765	12,111	18	8,583
Sheridan						
Wheat	375	77,356	3,403,901	308,499	672	1,051,674
Oats	16	374	9,622	1,380	10	3,286
Flax	57	1,268	31,828	3,895	12	6,467
Sunflowers	58	7,070	440,871	50,722	15	33,036
Barley	75	2,340	83,472	12,070	54	42,518
Sioux						
Wheat	78	17,816	657,473	89,212	168	376,392
Oats	14	1,516	36,119	6,535	25	27,747
Barley	9	643	18,489	3,425	12	12,547
Slope						
Wheat	165	40,667	1,913,623	188,224	421	942,744
Oats	14	370	12,076	2,611	3	9,540
Barley	22	2,115	86,689	14,507	16	57,819
Stark						
Wheat	312	66,068	3,433,497	310,011	600	1,796,536
Oats	60	3,866	100,975	15,000	61	75,784
Barley	36	1,136	43,823	6,899	20	29,855

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Steele						
Wheat	110	17,872	1,140,998	42,508	97	176,055
Oats	18	110	3,514	192	1	362
Flax	23	200	7,006	529	1	400
C. Crop	285	46,765	4,088,387	89,242	380	587,480
Sunflowers	257	23,470	1,609,947	77,799	55	60,115
Barley	85	6,559	374,752	19,746	69	100,050
Stutsman						
Wheat	667	179,480	8,778,729	543,155	961	2,690,675
Oats	133	3,388	90,891	8,200	48	46,180
Flax	121	2,109	46,547	5,162	17	6,570
Sunflowers	327	44,384	2,733,621	214,328	167	402,637
Barley	145	5,083	237,653	19,296	60	119,672
Towner						
Wheat	311	79,721	4,237,074	308,660	550	1,521,424
Oats	11	97	2,479	234	1	422
Flax	31	855	30,479	4,286	8	11,832
Sunflowers	54	6,815	457,364	37,709	56	153,597
Barley	195	16,534	801,645	63,491	189	342,923
Traill						
Wheat	281	43,689	3,083,341	98,876	200	375,000
Oats	31	174	6,514	379	3	867
Flax	35	428	15,478	919	7	3,521
Sugar Beets	25	3,784	835,611	30,086	15	64,524
Corn	7	620	34,139	4,709	3	5,511
Sunflowers	178	17,297	1,491,526	80,311	62	85,250
Soybeans	43	2,198	154,842	12,063	18	20,088
Barley	211	22,858	1,489,840	58,199	153	198,900
Walsh						
Wheat	405	89,144	5,349,711	298,825	823	2,301,807
Oats	22	222	7,292	577	7	3,815
Flax	52	845	24,330	2,906	8	9,424
Sugar Beets	10	1,671	277,969	11,416	6	24,844
Sunflowers	183	12,827	861,384	57,299	102	176,380
Potatoes	3	0	0	0	0	0
Barley	195	10,377	510,612	36,492	174	259,086
Ward						
Wheat	1,081	243,263	13,625,806	735,623	2,110	4,082,850
Oats	79	2,493	84,301	10,235	56	54,727
Flax	158	1,424	39,501	5,102	24	13,848
Sunflowers	103	17,800	1,382,191	124,998	97	226,689
Barley	302	11,182	521,233	45,725	200	251,800
Wells						
Wheat	480	137,318	6,882,770	508,975	700	1,457,400
Oats	9	144	3,410	425	1	494
Flax	70	1,165	30,752	3,539	8	6,776
Sunflowers	163	18,648	1,100,035	102,899	50	140,350
Barley	121	6,445	269,960	29,521	75	84,450
Williams						
Wheat	861	211,857	12,208,918	583,651	1,738	3,239,668
Oats	19	314	9,076	1,656	8	8,472
Sugar Beets	1	71	9,585	373	0	0
Sunflowers	24	1,726	107,091	9,204	17	23,356
Barley	85	1,638	62,537	7,138	33	31,746

STATE SUMMARY

Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Wheat	19,586	4,538,500	235,970,458	16,087,869	35,029	77,958,278
Oats	2,045	64,075	1,700,055	231,346	1,123	959,156
Flax	2,275	46,640	1,285,953	173,440	645	433,122
Forg Seeding	83	1,546	45,989	4,859	58	39,179
Forg Prod	20	1,703	57,762	6,006	22	45,868
Sugar Beets	114	15,372	2,839,138	122,153	56	215,038
Corn	48	3,353	181,614	24,160	14	17,330
C. Crop	1,414	344,661	21,344,303	639,116	2,001	4,438,194
Sunflower	4,802	520,480	36,297,432	2,781,662	2,260	5,397,664
Soybeans	505	30,079	1,697,294	157,934	138	218,508
Potatoes	3	0	0	0	0	0
Barley	5,792	329,013	15,962,757	1,275,464	3,690	5,211,984
Rye	8	360	12,600	1,008	2	956
TOTAL	36,695	5,895,782	317,395,355	21,505,017	45,038	94,935,277

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1979-June 30, 1980 1/

District and County	Hard Red Spring Wheat				Durum				Oats			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	--- Thousand Bushels ---				--- Thousand Bushels ---				--- Thousand Bushels ---			
Burke	1,347	524	32	1,903	1,516	260	7	1,783	14	46	5	65
Divide	1,307	32	33	1,372	5,356	79	--	5,435	9	31	--	40
Mountrail	761	74	--	835	5,845	577	--	6,422	5	6	7	18
Renville	1,232	524	38	1,794	1,675	592	--	2,268	30	246	2	278
Ward	4,665	991	--	5,656	8,395	833	--	9,228	86	776	32	894
Williams	4,012	2,105	--	6,117	3,418	507	--	3,925	--	10	--	10
Northwest	13,325	4,251	102	17,678	26,206	2,847	7	29,060	144	1,115	46	1,305
Benson	816	193	--	1,009	4,119	1,060	--	5,179	12	26	--	38
Bottineau	1,567	321	--	1,888	4,985	1,091	--	6,076	102	265	1	368
McHenry	3,222	808	--	4,030	1,262	175	--	1,437	156	208	--	364
Pierce	720	110	--	830	1,148	109	--	1,257	--	61	13	74
Rolette	299	69	--	368	2,054	468	--	2,523	3	28	--	31
North Central	6,623	1,501	--	8,124	13,568	2,904	--	16,472	273	587	14	874
Cavalier	2,304	1,590	72	3,966	3,960	823	--	4,783	29	17	1	47
Grand Forks	4,691	3,874	104	8,669	751	272	--	1,024	62	118	26	206
Nelson	1,258	714	22	1,994	2,900	1,238	--	4,138	51	37	5	93
Pembina	3,353	4,551	497	8,401	252	93	--	346	14	17	10	41
Ramsey	1,744	598	--	2,342	6,617	1,169	--	7,786	8	17	16	41
Towner	223	33	--	256	3,765	699	--	4,464	2	32	3	37
Walsh	7,375	2,298	80	9,753	1,681	232	--	1,912	33	31	14	78
Northeast	20,948	13,656	775	35,379	19,926	4,527	--	24,453	199	270	76	545
Dunn	582	547	--	1,129	10	2	--	11	0	2	--	2
McKenzie	1,490	1,260	--	2,750	374	115	--	489	--	--	--	0
McLean	4,595	1,225	--	5,820	4,804	117	--	4,920	33	236	3	272
Mercer	616	914	--	1,530	49	42	--	91	--	8	--	8
West Central	7,284	3,947	--	11,231	5,237	275	--	5,512	33	246	3	282
Eddy	345	458	--	803	407	315	--	722	18	6	2	26
Foster	2,524	218	--	2,742	949	141	--	1,090	66	11	5	82
Kidder	567	509	--	1,076	352	81	--	433	--	2	--	2
Sheridan	907	679	--	1,586	211	82	--	291	22	63	--	85
Stutsman	5,339	2,166	--	7,505	2,512	392	--	2,904	49	259	38	346
Wells	2,893	642	--	3,535	1,728	500	--	2,229	49	30	--	79
Central	12,575	4,671	--	17,246	6,159	1,511	--	7,670	204	372	44	620
Barnes	6,389	1,305	--	7,694	1,000	209	--	1,209	80	114	7	201
Cass	4,210	6,335	13	10,558	667	374	--	1,041	330	160	--	490
Griggs	1,189	1,236	13	2,438	219	94	--	313	46	31	--	77
Steele	1,252	1,921	--	3,173	281	210	--	491	--	58	--	58
Traill	2,244	2,978	--	5,222	249	129	--	378	22	203	9	234
East Central	15,285	13,776	27	29,088	2,416	1,016	--	3,432	479	565	16	1,060
Adams	893	1,130	3	2,026	463	57	--	520	--	2	--	2
Bowman	1,184	1,998	--	3,182	800	170	--	970	--	--	--	--
Golden Valley	739	963	--	1,702	347	529	--	876	--	--	--	--
Hettinger	1,285	4,744	--	6,029	518	401	--	919	--	36	--	36
Stark	4,371	2,017	--	6,388	232	101	--	333	--	--	--	--
Southwest	8,472	10,851	3	19,326	2,361	1,258	--	3,619	--	38	--	38
Burleigh	1,117	1,413	--	2,530	142	250	--	392	5	70	--	75
Emmons	1,395	572	--	1,967	103	63	--	166	14	66	--	80
Grant	776	991	--	1,767	32	26	--	58	--	3	--	3
Morton	1,765	2,157	--	3,922	57	99	--	156	--	--	--	--
Sioux	47	52	--	99	26	3	--	28	--	--	--	--
South Central	5,100	5,185	--	10,285	360	440	--	800	18	140	--	158
Dickey	1,653	282	--	1,935	283	25	--	308	171	48	25	244
LaMoure	3,102	1,645	--	4,747	1,148	143	--	1,291	291	118	8	417
Logan	2,515	953	--	3,468	670	235	--	905	4	28	--	32
McIntosh	1,718	80	--	1,798	253	17	--	270	21	18	--	38
Ransom	2,003	301	--	2,304	96	11	--	106	553	32	--	584
Richland	3,002	1,482	45	4,529	136	16	--	152	874	358	--	1,232
Sargent	1,711	691	--	2,402	429	103	--	532	427	104	--	530
Southeast	15,702	5,434	45	21,181	3,015	550	--	3,565	2,341	705	34	3,080
STATE	105,314	63,272	952	169,538	79,248	15,328	7	94,583	3,691	4,038	233	7,962

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1979-JUNE 30, 1980 1/

District and County	Barley				Sunflower			Flaxseed			Rye		
	Rail	Truck	C.C.C.	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Thousand Bushels)				(Thousand Bushels)			(Thousand Bushels)			(Thousand Bushels)		
Burke	117	78	--	195	63	56	119	0	16	16	6	3	9
Divide	117	13	--	130	81	10	91	4	1	5	114	1	115
Mountrail	72	17	--	89	0	6	6	0	7	7	11	3	14
Renville	539	132	--	671	21	199	219	3	78	81	9	68	77
Ward	830	222	--	1,052	2,106	1,675	3,781	1	287	288	66	40	106
Williams	83	134	--	217	86	14	100	0	2	2	17	52	69
Northwest	1,759	596	--	2,355	2,357	1,959	4,317	8	390	398	222	166	388
Benson	1,386	267	--	1,653	599	2,248	2,847	31	82	113	12	0+	12
Bottineau	1,974	656	--	2,630	601	1,028	1,629	16	307	323	32	0+	32
McHenry	423	281	--	704	541	311	852	11	136	147	72	0+	72
Pierce	176	87	--	263	56	330	386	47	73	120	30	0+	30
Rolette	889	129	--	1,018	120	267	387	4	44	48	0	0+	--
North Central	4,848	1,419	--	6,267	1,916	4,185	6,101	110	642	752	145	0+	145
Cavalier	4,327	1,494	--	5,821	376	344	720	12	54	66	6	0+	6
Grand Forks	7,226	979	--	8,205	2,190	4,203	6,393	2	60	62	4	0+	4
Nelson	1,871	200	--	2,071	410	2,161	2,571	2	134	136	9	0+	9
Pembina	2,068	1,029	8	3,105	717	3,204	3,921	6	63	69	22	0+	22
Ramsey	2,767	493	--	3,260	1,232	1,372	2,603	29	142	171	43	0+	43
Towner	1,957	349	--	2,306	133	598	731	1	31	32	8	0+	8
Walsh	4,917	942	--	5,859	1,769	3,105	4,875	55	90	145	17	0+	17
Northeast	25,133	5,485	8	30,626	6,828	14,986	21,814	107	574	681	110	0+	110
Dunn	--	--	--	--	16	4	20	0	1	1	1	1	2
McKenzie	--	7	--	7	0	19	19	0	1	1	--	--	--
McLean	115	89	--	204	231	497	728	3	188	191	44	40	84
Mercer	2	0	--	2	0	52	52	0	14	14	--	--	--
West Central	117	96	--	213	247	572	819	3	204	207	45	41	86
Eddy	198	50	--	248	105	697	802	0	47	47	18	41	59
Foster	226	47	--	273	794	2,598	3,392	3	32	35	90	86	176
Kidder	34	32	--	66	--	49	49	6	57	64	62	13	75
Sheridan	180	53	--	233	--	94	94	0	50	50	14	10	24
Stutsman	1,453	1,217	--	2,670	1,531	3,760	5,291	5	124	129	92	210	302
Wells	776	433	--	1,209	1,029	2,050	3,079	3	110	113	65	58	123
Central	2,866	1,831	-	4,697	3,458	9,248	12,706	18	420	438	342	418	760
Barnes	2,045	1,628	--	3,673	2,504	3,281	5,785	86	86	172	54	56	110
Cass	7,375	2,239	2	9,616	3,111	10,788	13,899	40	160	199	64	21	85
Griggs	568	547	36	1,151	218	2,315	2,533	34	55	89	5	7	12
Steele	2,567	1,004	--	3,571	285	3,332	3,617	0	67	67	1	19	21
Traill	6,212	1,024	--	7,236	572	3,927	4,499	3	110	113	0	1	1
East Central	18,767	6,442	39	25,248	6,690	23,643	30,333	163	477	641	124	104	229
Adams	0	4	--	4	33	77	111	1	8	9	0	9	9
Bowman	27	3	--	30	21	50	70	0	9	9	0	1	1
Golden Valley	--	--	--	--	0	23	23	2	0	2	0	0	1
Hettinger	21	72	--	93	92	941	1,033	0	28	28	53	56	109
Stark	0	2	0	2	218	95	313	0	12	12	9	6	15
Southwest	49	81	--	130	364	1,186	1,550	3	56	59	62	73	135
Burleigh	28	15	--	43	71	146	217	8	51	59	20	23	44
Emmons	18	9	--	27	11	6	17	15	107	121	24	37	60
Grant	0	6	--	6	54	568	622	2	7	9	26	22	48
Morton	9	20	--	29	85	83	169	0	14	14	0	7	7
Sioux	--	--	--	--	0	20	20	--	--	0	4	1	5
South Central	55	51	--	106	222	823	1,045	25	179	203	74	90	164
Dickey	895	141	14	1,050	884	1,638	2,521	19	127	146	198	30	228
LaMoure	593	400	--	993	788	3,283	4,072	22	261	283	153	97	250
Logan	78	37	--	115	286	445	731	24	237	261	49	47	96
McIntosh	5	10	--	15	13	37	50	104	149	253	55	23	78
Ransom	671	84	--	755	1,196	2,027	3,223	15	51	66	85	21	105
Richland	5,328	178	--	5,506	1,160	3,115	4,275	8	45	53	77	4	81
Sargent	465	80	--	545	877	1,506	2,383	24	115	139	150	31	181
Southeast	8,035	930	14	8.979	5,203	12,051	17,254	216	985	1,201	768	252	1,020
STATE	61.629	16,931	61	78,621	27,285	68.653	95,939	653	3,927	4,580	1,892	1,144	3,037

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

HARD RED SPRING WHEAT AND DURUM WHEAT SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1979-JUNE 30, 1980 1/ 2/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	475	525	559	313	1,090	458	19	209
Divide	171	164	862	144	3,121	1,256	430	628
Mountrail	147	96	493	99	2,991	2,446	152	833
Renville	747	534	153	322	1,349	589	21	308
Ward	1,869	1,631	1,150	1,005	6,348	2,211	224	446
Williams	209	195	5,542	171	1,251	1,868	262	543
Northwest	3,618	3,145	8,759	2,053	16,151	8,829	1,108	2,966
Benson	612	208	60	128	3,605	1,132	50	392
Bottineau	819	321	483	264	4,244	1,180	26	626
McHenry	2,135	751	812	331	1,043	316	10	68
Pierce	499	134	46	152	808	286	3	159
Rolette	183	89	45	51	1,602	662	19	240
North Central	4,248	1,503	1,446	926	11,303	3,576	107	1,485
Cavalier	2,426	907	3	558	3,449	828	8	498
Grand Forks	5,644	2,020	3	898	741	266	--	12
Nelson	1,135	679	7	152	2,654	1,185	--	299
Pembina	5,799	1,273	--	832	280	60	--	5
Ramsey	1,519	358	3	462	5,016	1,443	3	1,324
Towner	134	70	--	51	2,746	1,072	1	645
Walsh	5,457	2,301	--	1,915	1,198	573	--	141
Northeast	22,113	7,609	15	4,867	16,088	5,428	13	2,924
Dunn	145	139	756	89	3	8	--	--
McKenzie	59	303	2,293	94	136	230	42	82
McLean	2,268	1,854	1,277	421	2,467	2,197	11	245
Mercer	237	451	769	72	47	20	--	24
West Central	2,710	2,748	5,095	677	2,653	2,455	53	350
Eddy	534	175	15	76	527	94	--	101
Foster	1,661	795	169	115	687	300	15	87
Kidder	428	480	90	77	273	141	6	12
Sheridan	652	690	123	121	150	132	1	10
Stutsman	4,859	1,559	134	953	2,257	522	--	126
Wells	2,149	778	435	174	1,428	676	8	117
Central	10,282	4,479	966	1,519	5,323	1,864	30	452
Barnes	5,684	1,128	2	880	1,031	164	--	14
Cass	5,303	4,341	24	879	711	260	25	45
Griggs	1,555	643	3	224	228	71	--	14
Steele	2,256	584	--	334	395	81	--	15
Traill	3,842	918	2	460	257	109	--	13
East Central	18,639	7,614	30	2,778	2,621	684	25	101
Adams	186	489	1,268	80	32	486	2	1
Bowman	75	545	2,350	212	87	873	10	--
Golden Valley	30	152	1,482	37	286	212	119	259
Hettinger	355	1,962	3,126	586	173	599	29	118
Stark	825	1,128	4,270	165	195	94	4	39
Southwest	1,471	4,276	12,495	1,081	773	2,263	164	418
Burleigh	779	1,142	427	182	163	212	1	16
Emmons	872	787	146	161	93	59	3	10
Grant	527	399	603	238	48	10	--	--
Morton	827	1,417	1,228	449	68	65	1	22
Sioux	23	63	11	1	7	9	--	13
South Central	3,029	3,809	2,415	1,033	380	355	5	60
Dickey	699	1,013	3	220	165	133	--	10
LaMoure	2,747	1,206	12	781	894	323	--	75
Logan	1,672	1,408	29	360	432	401	--	71
McIntosh	1,124	486	25	163	205	65	--	--
Ransom	1,581	541	16	166	63	43	--	--
Richland	1,505	2,733	3	243	89	62	--	2
Sargent	1,150	860	66	326	238	223	--	70
Southeast	10,478	8,247	154	2,258	2,086	1,251	--	228
STATE	76,587	43,429	31,377	17,191	57,379	26,705	1,506	8,985

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1981

BARLEY AND OATS SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA JULY 1, 1979-JUNE 30, 1980 1/ 2/

District and County	Barley				Oats			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	15	34	19	126	--	10	1	49
Divide	7	52	11	60	--	6	29	4
Mountrail	6	63	4	17	--	6	4	--
Renville	44	247	25	356	16	42	177	41
Ward	30	563	51	407	--	327	298	238
Williams	1	11	51	154	--	1	7	2
Northwest	103	969	162	1,121	16	393	517	333
Benson	307	601	--	744	20	12	--	6
Bottineau	103	673	42	1,812	1	91	205	69
McHenry	105	271	17	310	17	127	173	47
Pierce	42	42	--	178	5	42	2	12
Rolette	236	621	--	161	3	27	--	--
North Central	795	2,208	59	3,205	46	300	379	134
Cavalier	2,200	2,106	--	1,514	6	26	--	14
Grand Forks	3,281	3,789	10	1,125	38	51	28	62
Nelson	749	1,028	6	287	6	75	8	5
Pembina	1,660	984	--	453	8	22	--	--
Ramsey	1,323	1,262	--	675	5	16	5	--
Towner	583	978	--	744	3	7	24	--
Walsh	2,291	2,991	26	549	17	43	4	--
Northeast	12,088	13,139	42	5,349	84	240	63	81
Dunn	--	--	--	--	--	--	2	--
McKenzie	--	--	3	4	--	--	137	--
McLean	71	49	5	80	20	34	--	77
Mercer	--	--	--	2	--	2	5	1
West Central	71	49	7	86	20	36	144	78
Eddy	71	117	--	59	--	18	--	6
Foster	198	60	3	11	--	66	11	--
Kidder	13	31	--	23	--	2	--	--
Sheridan	11	60	--	161	--	21	49	15
Stutsman	560	175	138	1,796	10	112	4	183
Wells	135	357	--	716	4	71	3	1
Central	989	801	141	2,766	14	289	67	205
Barnes	923	1,296	--	1,454	23	92	59	19
Cass	3,295	2,783	34	3,502	19	411	3	57
Griggs	319	434	25	336	13	57	4	4
Steele	1,445	1,096	183	846	--	26	7	25
Traill	1,382	3,742	--	2,112	3	62	19	140
East Central	7,364	9,352	242	8,250	58	648	92	245
Adams	--	--	4	--	--	--	--	2
Bowman	--	27	--	3	--	--	--	--
Golden Valley	--	18	--	--	--	--	--	--
Hettinger	--	--	63	11	--	--	14	22
Stark	2	--	--	--	--	--	--	--
Southwest	2	45	69	14	--	--	14	24
Burleigh	6	30	3	4	--	9	52	14
Emmons	5	12	10	--	--	43	12	25
Grant	--	--	6	--	3	--	--	--
Morton	23	2	--	4	--	--	--	--
Sioux	--	--	--	--	--	--	--	--
South Central	34	44	18	8	3	51	64	40
Dickey	426	535	--	74	1	172	--	45
LaMoure	251	325	8	410	7	251	5	145
Logan	15	66	--	34	2	29	--	1
McIntosh	7	8	--	1	--	37	--	2
Ransom	144	425	--	187	21	470	--	94
Richland	241	730	4	4,533	39	902	3	289
Sargent	94	432	1	18	34	477	3	17
Southeast	1,179	2,518	13	5,256	104	2,340	9	592
STATE	22,626	29,126	753	26,056	346	4,298	1,352	1,732

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1981

SUNFLOWER AND FLAXSEED SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1979-JUNE 30, 1979 1/ 2/

District and County	Sunflower				Flaxseed			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	119	--	--	--	--	16	--	--
Divide	71	12	8	--	--	5	--	--
Mountrail	5	--	--	1	--	7	--	--
Renville	154	10	--	56	--	80	--	815
Ward	2,786	322	121	553	3	282	2	809
Williams	62	11	--	27	--	2	--	--
Northwest	3,196	354	129	637	3	392	2	1,624
Benson	2,332	168	10	337	14	96	--	3
Bottineau	955	87	169	418	8	299	6	10
McHenry	646	123	81	2	47	96	2	1
Pierce	355	8	4	19	3	113	--	5
Rolette	334	16	2	35	--	48	--	--
North Central	4,622	402	266	812	72	652	8	19
Cavalier	636	52	--	31	--	67	--	--
Grand Forks	4,779	424	84	1,104	1	61	--	--
Nelson	2,080	94	14	383	--	134	--	2
Pembina	3,518	98	14	291	6	61	--	2
Ramsey	2,285	87	71	160	5	165	--	1
Towner	692	10	--	29	1	30	--	1
Walsh	4,302	137	9	427	3	113	--	29
Northeast	18,293	902	193	2,425	16	630	--	35
Dunn	16	--	--	4	--	1	--	--
McKenzie	19	--	--	--	--	1	--	--
McLean	694	28	--	6	4	184	--	3
Mercer	50	--	--	2	--	14	--	--
West Central	779	28	--	11	4	200	--	3
Eddy	708	50	--	44	--	46	--	2
Foster	1,933	256	290	911	6	28	--	1
Kidder	43	4	--	2	3	43	--	18
Sheridan	40	23	--	32	--	50	--	--
Stutsman	4,243	252	70	725	3	120	--	5
Wells	2,079	241	12	746	2	89	--	21
Central	9,047	826	373	2,460	14	376	--	47
Barnes	4,515	243	30	997	25	125	--	22
Cass	7,784	719	93	5,302	10	179	--	10
Griggs	1,801	213	--	520	4	83	--	2
Steele	3,054	222	95	246	--	67	--	--
Traill	3,864	88	17	529	7	104	--	2
East Central	21,019	1,486	235	7,594	47	559	--	35
Adams	29	46	--	36	--	9	--	--
Bowman	27	5	--	38	--	9	--	--
Golden Valley	23	--	--	--	--	2	--	--
Hettinger	468	310	--	254	--	28	--	--
Stark	251	35	--	28	--	12	--	--
Southwest	797	397	--	356	--	59	--	--
Burleigh	80	86	--	51	--	55	--	4
Emmons	11	--	--	6	2	99	--	20
Grant	490	36	14	83	1	7	--	--
Morton	105	22	--	42	2	12	--	--
Sioux	4	--	--	16	--	--	--	--
South Central	689	144	14	198	5	175	--	24
Dickey	1,146	498	--	877	4	133	--	9
LaMoure	2,769	220	48	1,034	-	272	--	11
Logan	422	189	--	120	3	251	--	7
McIntosh	25	--	--	25	2	249	--	3
Ransom	2,061	25	155	982	5	42	--	19
Richland	3,047	338	--	890	4	48	--	1
Sargent	1,508	346	41	489	16	75	--	47
Southeast	10,980	1,614	243	4,417	34	1,070	--	98
STATE	69,422	6,153	1,453	18,910	195	4,113	10	1,889

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

CUSTOM FARM WORK RATES

INTRODUCTION

Rates for custom work during 1980 in North Dakota were 8 to 49 percent higher than the last available data obtained from a survey conducted in 1977. The 1980 survey consisted of two parts. The first, mailed in July, requested custom work rates for early field operations and pesticide application. The second, mailed in November, covered harvesting and haying operations. Rates were obtained from a representative group of farmers and custom operators throughout the State. Historically, surveys were done every three years, however, due to the need for current information, annual surveys of custom rates will be conducted, beginning in 1981.

Continued on Page 92

STATE-WIDE AVERAGES, NORTH DAKOTA, 1980 WITH COMPARISONS

Operation	1971	1974	1977	1980	
				Most Frequent Rate Reported	Avg. Rate
LAND TILLAGE		- - Dollars per Acre - -			
DEEP TILLAGE					
Plowing	2.87	3.88	5.00	6.00	6.14
Alfalfa Sod Breaking	4.40	5.79	7.23	10.00	7.94
Heavy Disking	1.60	2.44	3.50	5.00	4.31
Deep Chisel	1.72	2.44	3.40	4.00	4.40
SHALLOW TILLAGE					
Duckfoot or Wide Sweep	1.25	1.71	2.34	3.00	3.14
One-way Disk	1.44	2.12	3.15	5.00	3.87
Single Disk	1.04	1.61	2.15	3.00	3.41
Tandem Disk	1.28	1.89	2.59	3.00	3.76
Rod Weeder	1.06	1.58	2.06	2.50	2.91
Rotary Hoe	1.11	1.52	2.11	2.50	2.59
Harrowing			1.34	2.00	1.99
Row Crop Cultivation					
Wide-Row (> 31 inches)	1.25	1.85	2.59	3.00	3.23
Narrow-Row (< 31 inches)		2.14	2.70	3.00	3.36
SMALL GRAIN SEEDING					
REGULAR DRILLING					
With Fertilizer Application	1.62	2.27	3.28	4.00	4.42
Without Fertilizer Appl.	1.35	1.96	2.95	4.00	3.87
PONY PRESS DRILL					
With Fertilizer Application	3.23	4.10	6.50	10.00	7.64
Without Fertilizer Appl.	2.93	3.70		5.50	6.77
HOE DRILL	1.45	2.38	3.73	5.00	4.66
AIR DRILL				5.50	4.99
ROW CROP PLANTING					
Corn	1.49	2.21	3.85	5.00	4.15
Soybeans	1.71	2.53	3.70	4.00	3.94
Dry Edible Beans				4.00	4.17
Potatoes	4.00	5.50	6.75	7.25	7.24
Sugarbeets	2.39	3.43	5.95	4.50	5.33
Sunflower	1.56	2.23	3.65	4.00	4.35
APPLICATION OF FERTILIZER					
Dry Fertilizer	.70	1.18	1.61	2.00	2.14
Liquid Fertilizer	.80	1.31	1.79	2.50	2.52
Anhydrous Ammonia	1.20	2.08	3.04	4.50	3.68
APPLICATION OF CHEMICALS					
BY SURFACE VEHICLES					
Herbicides	.74	1.16	1.36	2.00	1.86
Insecticides	.77	1.23	1.49	2.00	2.14
Fungicides	.84	1.33	1.70	2.50	2.21
Desiccants				2.50	2.31
BY AIRCRAFT					
Herbicides	1.10	1.64	1.82	2.50	2.55
Insecticides	1.07	1.73	2.10	2.50	2.67
Fungicides	1.25	1.78	2.25	3.00	2.82
Desiccants				3.00	2.88
HARVESTING GRAIN CROPS					
SWATHING					
Self-propelled	1.29	1.98	2.46	3.00	3.12
PTO Unit	1.19	1.78	2.18	3.00	2.93
COMBINING*					
Wheat, All**	4.05	7.52	8.61	12.00	11.02
Oats	4.00	7.27	8.52	12.00	10.86
Barley	4.01	7.43	8.56	12.00	11.09
Rye	4.13	7.57	8.72	12.00	11.35
Flaxseed	4.07	7.42	8.77	12.00	11.25
Soybeans	4.50	7.39	9.69	12.00	11.96
Sunflower	4.30	7.67	9.33	12.00	12.12
Dry Edible Beans				10.00	13.66
Corn	5.59	9.11	12.31	10.00	13.01
HAYING		- - Dollars per Acre - -			
Mowing	1.19	1.93	2.40	2.00	3.15
Mowing and Conditioning	1.92	2.83	3.63	6.00	4.47
Swathing	1.51	2.31	2.94	4.00	3.87
Side Delivery Raking	.82	1.15	1.69	1.00	2.13
BALING		- - Dollars per Bale - -			
Square bales with twine	.111	.211	.221	.20	.265
Square bales with wire	.127	.259	.260	.30	.290
Round bales 800-999 lbs.		.194		5.00	4.46
Round bales 1000-1500 lbs.		4.33	4.45	5.00	5.06
Round bales over 1500 lbs.				5.00	5.96
MECHANIZED LOOSE HAY STACKING		- - Dollars per Ton - -			
Per Ton				5.00	5.55
Per Stack		- - Dollars per Stack - -			
1.5 - 3T Stack				14.00	17.59
3 - 6T Stack				18.00	25.10
MAKING CORN SILAGE					
FIELD CHOPPING ONLY		- - Dollars per Unit - -			
Per Acre	5.32	7.61	10.16	14.00	13.59
Per Hour	8.14	16.02	25.00		30.06
FIELD CHOPPING PLUS HAULING TO SILO					
Per Acre				12.00	16.55
Per Hour					41.77
FIELD CHOPPING PLUS HAULING TO AND FILLING SILO					
Per Acre	7.44	11.56	14.54		18.32
Per Hour	14.81	27.00	34.38		43.00
DRYING GRAIN		- - Cents/Bu. or Cwt. - -			
Wheat, All	8.2	14.5	14.8	10	16.2
Barley	8.3	14.0	15.0	10	15.2
Corn	9.1	15.0	19.0	10	18.0
Sunflower (per cwt.)	24.1	19.1	20.9	20	27.3
HAULING CHARGES					
HAULING GRAIN		- - Cents/Unit - -			
Wheat, All (per bu.)	4.8	7.4	8.1	10	10.8
Oats (per bu.)	4.2	6.2	7.4	10	9.2
Barley (per bu.)	4.6	7.1	7.7	10	10.1
Sunflower (per cwt.)				10	14.9
HAULING HAY		- - Dollars/Bale - -			
Small Square Bales				10	18.4
Large Round Bales					
800-999 lbs.					1.73
1000-1500 lbs.				2.00	3.00
Over 1500 lbs.					4.25
MOVING LOOSE HAYSTACKS		- - Dollars/Stack - -			
1.5 - 3 Tons	6.09	7.61		10.00	9.52
3 - 6 Tons					13.29
More Than 6 Tons					13.19
CLEANING & TREATING		- - Dollars/Bu. or Cwt. - -			
CLEANING & TREATING SEED GRAIN					
Cleaning Only	.085	.143	.181	.20	.221
Treating Only	.083	.148	.196	.20	.263
Cleaning & Treating				.30	.457
CLEANING & TREATING FLAXSEED					
Cleaning Only	.190	.277	.282	.50	.409
Treating Only	.122	.206	.247	.20	.313
Cleaning & Treating				.70	.719
MISCELLANEOUS CUSTOM WORK					
SPRAYING LIVESTOCK		- - Dollars/Head - -			
Cattle	.31	.39	.46	.50	.55
Sheep	.26	.32	.34	.75	.53
DIPPING LIVESTOCK					
Cattle				1.75	1.36
Sheep				.75	.95
BRANDING LIVESTOCK					
Calves	.58	.88	1/1.02	1.00	1.15
Sheep	.18	.42	.73	1.00	.88
Shearing Sheep	.61	.85	.97	1.50	1.34
DIGGING POST HOLES ($/Hole)	.38	.84	1.07	1.00	1.14
Average Depth (Feet)	3.0	3.3	3.3	3.0	3.1
ON-FARM FEED GRINDING (Grinding & Mixing)					
Per 100 Bushels					
Mobile Truck	6.99	8.85	9.40		12.03
PTO Unit	5.54	7.07	7.22		11.35
Per Hour					
Mobile Truck	29.40				29.33
PTO Unit	21.25				28.75
Per Ton					
Mobile Truck					8.41
PTO Unit					7.05
		- - Dollars/Hour ---			
Farm Drainage/Ditching		24.00	29.07		43.24
Land Leveling	17.39	22.46	28.00		42.67
Rock Picking	7.80	13.90	20.58		22.34

* Excludes hauling to storage. ** Includes durum, other spring and winter.
1/ Revised.

CUSTOM FARM WORK RATES BY CROP REPORTING DISTRICTS, NORTH DAKOTA, 1980

District	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	DEEP TILLAGE - Plowing				DEEP TILLAGE Alfalfa Sod Breaking				DEEP TILLAGE - Heavy Disking			
Northwest	12	4.00-10.00	4.00	6.52	7	5.00-10.00	6.00	7.36	10	3.00- 8.00	5.00	4.88
North Central	9	4.00- 8.00	7.00	6.56	4	6.00-10.00	8.00	7.75	9	1.75- 8.00	5.00	4.06
Northeast	34	3.00- 9.00	6.00	5.61	13	4.50-10.00	8.00	7.06	20	2.50- 5.50	5.00	4.08
West Central	9	3.50-10.00	6.00	7.22	1/				8	1.75- 8.00	5.00	4.69
Central	21	4.00-10.00	6.00	6.33	13	5.00-13.00	10.00	8.15	13	2.50- 8.00	5.00	4.54
East Central	18	3.00- 9.00	6.00	5.33	9	4.00-11.00	9.00	7.61	15	2.50- 6.00	5.00	3.93
Southwest	9	2.00-10.00	6.00	5.98	4	7.00-12.00	10.00	9.38	8	2.00- 5.00	5.00	3.91
South Central	13	2.00-10.00	6.00	6.44	8	4.00-10.00	10.00	7.94	7	2.50- 6.50	5.00	4.50
Southeast	12	4.50-10.00	6.00	6.79	7	5.50-15.00	10.00	9.21	9	2.00- 8.00	5.00	4.64
STATE	137	2.00-10.00	6.00	6.14	67	4.00-15.00	10.00	7.94	99	1.75- 8.00	5.00	4.31
	DEEP TILLAGE - Deep Chisel				SHALLOW TILLAGE - Duckfoot				SHALLOW TILLAGE - Tandem Disk			
Northwest	13	2.00- 8.00	4.00	4.62	16	2.00- 6.00	3.00	3.48	7	2.75- 8.00	4.00	4.64
North Central	8	1.00- 5.00	4.00	3.39	7	.75- 4.25	3.00	2.84	6	2.00- 5.00	3.00	3.58
Northeast	26	2.75- 8.00	4.00	4.29	23	1.40- 4.50	3.00	2.97	18	2.00- 4.50	3.00	3.22
West Central	8	1.75- 8.00	4.00	5.28	12	1.50- 4.00	3.00	3.10	5	2.50- 5.00	3.00	3.70
Central	16	2.00- 8.00	4.00	4.23	17	1.50- 7.00	3.00	3.40	10	2.50- 7.00	4.00	4.55
East Central	15	2.00- 7.00	4.00	3.97	17	1.50- 4.50	3.00	2.79	12	2.00- 7.00	3.00	3.38
Southwest	7	2.50- 5.00	4.00	4.11	12	1.75- 3.90	3.00	2.83	9	2.00- 5.00	3.00	3.33
South Central	8	2.50- 8.00	4.00	5.06	8	2.00- 6.50	3.00	3.88	8	2.00- 8.00	3.00	4.19
Southeast	11	2.00- 8.00	4.00	5.05	8	1.00- 5.00	3.00	3.13	7	2.00- 7.00	3.00	4.00
STATE	112	1.00- 8.00	4.00	4.40	120	.75- 7.00	3.00	3.14	82	2.00- 8.00	3.00	3.76
	HARROWING				WIDE-ROW CROP CULTIVATION				NARROW-ROW CROP CULTIVATION			
Northwest	8	1.50- 3.50	2.00	1.97	3	3.50- 5.00	1/	4.33	9	2.50- 5.50	3.00	3.58
North Central	11	.65- 3.00	2.00	1.86	3	2.00- 4.50	1/	3.17	8	2.50- 5.00	4.00	3.56
Northeast	24	.60- 3.50	2.00	2.04	14	2.00- 5.00	3.00	3.18	17	2.25- 6.00	3.00	3.35
West Central	8	.50- 2.50	2.00	1.50	1/				1/			
Central	8	1.50- 3.00	2.00	2.44	10	2.00- 5.00	3.00	3.18	13	2.50- 5.00	3.00	3.19
East Central	11	1.00- 3.50	2.00	2.06	9	2.00- 5.00	3.00	3.22	9	2.00- 6.00	3.00	3.19
Southwest	6	1.00- 3.00	2.00	1.83	1/				1/			
South Central	4	1.00- 3.00	2.00	1.88	8	1.50- 5.00	3.00	3.19	5	2.00- 5.00	3.00	3.80
Southeast	9	.50- 3.50	2.00	2.17	5	1.25- 4.00	3.00	2.65	4	1.50- 4.00	3.00	2.75
STATE	89	.50- 3.50	2.00	1.99	54	1.25- 5.00	3.00	3.23	66	1.50- 6.00	3.00	3.36
	SMALL GRAIN SEEDING REGULAR DRILL With Fertilizer Application				SMALL GRAIN SEEDING REGULAR DRILL Without Fertilizer Application				CORN PLANTING			
Northwest	11	2.00- 7.00	3.50	4.09	11	1.75- 6.00	4.50	4.20	4	3.50- 5.50	5.50	4.63
North Central	6	3.00- 5.50	3.00	4.08	7	2.00- 6.00	4.50	3.68	5	5.00- 6.00	5.00	5.35
Northeast	26	2.00-10.00	3.50	4.12	23	2.00- 8.00	4.00	3.67	11	3.50- 5.00	5.00	4.07
West Central	10	2.50-11.00	3.50	5.13	10	2.25-10.00	4.00	4.55	4	2.50- 5.00	5.00	3.33
Central	16	2.00-10.00	6.00	5.56	10	1.75- 9.00	4.00	4.73	10	2.00- 7.00	5.00	4.33
East Central	15	2.00- 7.00	5.00	4.20	12	1.75- 6.00	4.00	3.13	14	2.00- 5.50	5.00	4.02
Southwest	14	1.50- 7.00	5.00	3.83	7	1.00- 4.00	4.00	2.86	4	2.00- 5.00	5.00	3.25
South Central	7	2.00- 8.00	5.00	4.75	7	3.00- 6.00	4.00	4.29	6	2.50- 8.00	5.00	5.54
Southeast	10	2.00- 6.00	4.00	4.13	8	2.00- 8.00	4.00	3.88	15	1.00- 5.50	5.00	3.57
STATE	115	1.50-11.00	4.00	4.42	95	1.00-10.00	4.00	3.87	73	1.00- 8.00	5.00	4.15

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CUSTOM FARM WORK RATES BY CROP REPORTING DISTRICTS, NORTH DAKOTA, 1980

District	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	SUNFLOWER PLANTING				GROUND APPLICATION OF DRY FERTILIZER				GROUND APPLICATION OF LIQUID FERTILIZER			
Northwest	14	3.50-9.00	5.00	5.43	9	1.50-3.50	3.00	2.45	6	2.50-4.50	2.50	3.00
North Central	11	1.50-6.50	5.00	4.61	7	1.00-3.25	2.00	2.04	4	2.00-2.50	2.50	2.38
Northeast	40	2.00-8.00	5.00	4.31	30	1.00-3.50	2.00	2.38	13	1.75-3.25	2.50	2.58
West Central	4	3.00-6.00	5.00	4.50	5	1.00-3.00	2.00	1.45	1/			
Central	22	1.80-7.00	5.00	4.47	10	.75-4.00	2.00	2.12	6	1.50-4.25	2.50	2.67
East Central	24	2.00-6.00	4.00	3.75	12	1.00-3.50	2.00	2.20	11	1.00-4.00	2.50	2.31
Southwest	7	2.50-6.50	4.00	4.41	6	1.00-3.50	2.00	1.97	3	2.50-3.50	2.50	2.83
South Central	5	2.50-8.00	4.00	4.80	11	.60-3.50	2.00	1.61	5	1.00-3.50	2.50	2.66
Southeast	16	1.00-7.00	4.00	3.84	11	1.50-3.50	2.00	2.16	9	1.75-3.50	2.50	2.38
STATE	143	1.00-9.00	4.00	4.35	101	.60-4.00	2.00	2.14	58	.75-4.50	2.50	2.52
	GROUND APPLICATION OF ANHYDROUS AMMONIA				GROUND APPLICATION OF HERBICIDES				GROUND APPLICATION OF INSECTICIDES			
Northwest	16	3.25-5.50	4.50	4.34	42	.80-3.75	1.70	1.65	13	1.50-4.00	2.00	2.29
North Central	11	1.00-5.00	4.50	3.46	25	1.00-4.00	1.20	1.94	1/			
Northeast	29	2.25-7.00	4.00	3.89	60	.50-3.50	1.20	1.76	17	1.00-3.00	2.00	2.07
West Central	1/				19	1.25-3.25	1.20	2.14	8	1.50-3.25	2.00	2.44
Central	9	1.75-7.00	4.00	4.31	37	.50-4.00	1.20	1.84	12	.50-4.00	2.00	2.00
East Central	20	2.00-6.25	4.00	3.55	39	.80-3.50	2.00	1.96	16	1.50-3.50	1.50	2.04
Southwest	8	1.50-5.00	4.00	3.06	18	1.00-3.50	2.00	2.04	6	1.00-3.50	2.00	2.35
South Central	12	.60-5.00	4.00	2.54	37	1.00-3.00	2.00	1.89	7	1.50-3.00	1.50	2.12
Southeast	5	2.00-5.00	4.50	3.90	31	1.00-3.00	2.00	1.84	17	1.50-3.00	2.00	2.07
STATE	111	.60-7.00	4.50	3.68	308	.50-4.00	2.00	1.86	97	.50-4.00	2.00	2.14
	GROUND APPLICATION OF FUNGICIDES				GROUND APPLICATION OF DESICCANTS				AIR APPLICATION OF HERBICIDES			
Northwest	4	1.75-3.50	1.70	2.35	3	1.75-3.50	1/	2.55	38	1.50-3.85	2.50	2.51
North Central	1/				1/		1/		22	1.50-3.50	2.50	2.49
Northeast	14	1.00-3.00	2.50	2.21	11	1.00-3.00	2.50	2.18	59	.50-5.00	2.50	2.63
West Central	1/				1/		1/		15	1.25-3.75	2.50	2.65
Central	8	1.00-4.00	2.50	2.28	7	1.00-4.00	2.50	2.32	21	1.50-5.00	2.50	2.44
East Central	8	1.50-2.50	2.50	1.89	6	1.63-2.80	2.50	2.29	35	1.50-4.00	2.50	2.56
Southwest	1/				1/		1/		12	2.00-4.00	2.50	2.75
South Central	4	1.50-3.25	2.50	2.50	4	1.50-3.25	2.50	2.36	9	1.35-3.00	2.50	2.34
Southeast	9	1.50-3.00	2.50	2.17	5	1.50-3.00	2.50	2.20	20	1.75-3.00	2.50	2.41
STATE	52	1.00-4.00	2.50	2.21	40	1.00-4.00	2.50	2.31	231	.50-5.00	2.50	2.55
	AIR APPLICATION OF INSECTICIDES				AIR APPLICATION OF FUNGICIDES				AIR APPLICATION OF DESICCANTS			
Northwest	26	1.50-4.00	3.00	2.73	12	1.50-4.00	3.00	2.90	12	1.50-5.00	3.50	3.04
North Central	10	2.25-3.75	3.00	2.78	7	2.25-3.00	3.00	2.61	7	2.50-3.75	3.50	3.00
Northeast	42	1.50-3.50	2.50	2.68	35	1.00-3.50	3.00	2.82	30	2.00-3.10	3.00	2.81
West Central	5	2.38-3.75	2.50	2.93	3	2.50-2.50	2.50	2.50	3	2.50-3.00	3.00	2.75
Central	14	1.50-5.00	2.50	2.66	9	1.50-5.00	3.00	3.00	9	1.50-5.00	3.00	2.81
East Central	28	1.50-3.50	2.50	2.61	24	1.50-3.50	3.00	2.84	19	2.25-3.50	3.00	2.96
Southwest	8	2.00-3.50	2.50	2.60	1/		1/		1/		1/	
South Central	8	1.75-3.00	2.50	2.44	6	1.75-3.50	3.00	2.83	6	1.75-3.50	3.00	2.88
Southeast	15	2.00-3.25	2.50	2.64	11	2.00-4.00	3.00	2.83	11	2.00-4.00	3.00	2.87
STATE	156	1.50-5.00	2.50	2.67	109	1.00-5.00	3.00	2.82	99	1.50-5.00	3.00	2.88

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CUSTOM FARM WORK RATES BY CROP REPORTING DISTRICTS, NORTH DAKOTA, 1980

District	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	SWATHING GRAIN - Self-Propelled				SWATHING GRAIN - PTO Unit				COMBINING WHEAT, ALL			
Northwest	30	1.50-5.00	3.00	3.05	20	1.75-5.00	3.00	2.99	69	8.00-15.00	12.00	10.81
North Central	12	1.25-4.00	3.00	2.67	4	2.50-4.00	3.00	3.13	37	9.00-14.00	12.00	11.12
Northeast	35	1.30-6.00	3.00	2.92	27	1.30-5.00	3.00	2.75	86	6.00-15.50	12.00	11.88
West Central	30	2.25-4.50	3.00	3.25	7	2.50-4.00	3.00	3.11	49	7.00-15.00	12.00	10.60
Central	27	1.25-5.00	3.00	2.99	12	1.50-4.50	3.00	2.65	53	8.00-16.00	12.00	11.53
East Central	14	1.50-6.00	3.00	2.96	9	1.25-3.50	3.00	2.47	40	6.00-15.00	12.00	10.51
Southwest	24	2.00-6.00	3.00	3.59	9	2.50-6.00	3.00	3.61	41	6.00-14.00	12.00	10.78
South Central	28	2.00-4.50	3.00	3.35	7	2.00-6.00	3.00	3.50	47	6.00-13.00	12.00	10.22
Southeast	28	1.00-4.50	3.00	3.07	6	1.50-4.00	3.00	2.75	42	3.50-15.00	12.00	10.95
STATE	228	1.00-6.00	3.00	3.12	101	1.25-6.00	3.00	2.93	464	3.50-16.00	12.00	11.02
	COMBINING OATS				COMBINING BARLEY				COMBINING SUNFLOWER			
Northwest	26	8.00-15.00	10.00	10.33	26	8.00-15.00	10.00	10.56	15	9.00-15.00	12.00	12.73
North Central	18	9.00-13.00	12.00	11.33	18	9.00-13.00	12.00	11.50	19	8.00-15.00	12.00	11.95
Northeast	32	8.00-15.00	12.00	11.44	51	7.00-15.00	12.00	11.87	65	6.00-18.00	12.00	12.69
West Central	24	8.00-15.00	12.00	10.26	19	9.00-15.00	12.00	10.76	7	9.00-15.00	12.00	11.50
Central	33	8.00-15.00	12.00	11.62	34	8.00-15.00	12.00	11.69	35	9.00-16.00	12.00	11.94
East Central	16	8.00-15.00	12.00	10.69	23	6.00-15.00	12.00	10.83	44	9.00-15.00	12.00	11.68
Southwest	21	6.00-14.00	12.00	10.76	18	6.00-14.00	12.00	11.00	11	11.00-15.00	12.00	13.00
South Central	31	7.50-12.00	12.00	10.23	26	7.50-12.00	12.00	10.14	15	10.00-15.00	12.00	11.13
Southeast	21	3.50-15.00	12.00	10.86	18	3.50-15.00	12.00	10.28	36	3.50-20.00	12.00	11.92
STATE	222	3.50-15.00	12.00	10.86	233	3.50-15.00	12.00	11.09	247	3.50-20.00	12.00	12.12
	MOWING HAY				SWATHING HAY				BALING Square Bales W/Twine			
Northwest	9	2.00-4.00	3.00	3.00	18	2.00-6.00	4.00	3.89	16	.15-.35	.20	.21
North Central	4	2.00-5.00	2.00	3.00	11	1.00-4.50	4.00	2.89	7	.15-.40	.20	.26
Northeast	7	2.00-6.50	2.00	3.43	7	2.00-6.50	4.00	3.43	20	.15-.40	.20	.27
West Central	1/	--- ---	----	----	24	2.00-6.00	4.50	4.10	18	.13-.50	.20	.30
Central	7	1.00-8.00	3.00	3.18	13	1.50-6.00	4.50	3.48	10	.15-.35	.20	.25
East Central	6	1.00-5.00	3.00	3.13	9	2.00-7.00	5.00	4.22	6	.15-.40	.20	.27
Southwest	6	.75-5.00	2.50	3.07	22	1.50-6.00	4.50	4.39	17	.15-.45	.20	.28
South Central	6	2.00-6.00	2.00	3.79	18	3.00-5.00	4.00	3.97	24	.15-.62	.20	.26
Southeast	11	1.00-4.00	2.00	2.68	14	2.00-6.00	4.00	3.63	13	.14-.50	.20	.26
STATE	58	.75-8.00	2.00	3.15	136	1.00-7.00	4.00	3.87	131	.13-.62	.20	.27
	BALING Round Bales, 1000-1500 lbs.				CLEANING SEED GRAIN (Dollars per Bushel)				TREATING SEED GRAIN (Dollars per Bushel)			
Northwest	34	3.25-9.00	5.00	5.44	66	.10-.30	.20	.188	16	.10-.60	.10	.238
North Central	20	4.00-7.00	5.00	5.09	36	.10-.40	.20	.199	12	.15-.75	.10	.329
Northeast	28	3.50-10.00	5.00	5.04	74	.15-.50	.20	.243	23	.10-.50	.20	.293
West Central	38	3.50-9.00	5.00	5.36	45	.09-.25	.20	.180	15	.05-.35	.20	.189
Central	38	3.50-8.00	5.00	4.82	36	.14-.50	.20	.229	13	.15-.50	.20	.245
East Central	20	3.25-6.00	5.00	4.63	26	.15-.60	.20	.319	19	.15-.50	.20	.337
Southwest	19	4.00-8.00	5.00	5.82	35	.08-.35	.20	.229	27	.08-.60	.20	.261
South Central	29	4.00-12.00	5.00	5.20	40	.12-.30	.20	.206	23	.09-.50	.20	.250
Southeast	27	1.50-5.50	5.00	4.18	43	.10-.50	.20	.237	10	.08-.45	.20	.188
STATE	253	1.50-12.00	5.00	5.06	401	.08-.60	.20	.221	158	.05-.75	.20	.263

CUSTOM FARM WORK RATES BY CROP REPORTING DISTRICT

District	Basic Charge			Average of All Rates	Average Maximum One-Way Mileage at Basic Charge		Add'l. Charge Per Mile if Over Base Mileage
	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported		No. of Rpts.	Avg. Miles	
	-No.-	- Cents/Bushel -			- No. -	- No. -	- Cents/Bushel -
				HAULING WHEAT			
Northwest	47	5-25	10	11.3	38	13.1	2.5
North Central	20	5-35	10	11.0	12	12.9	2.0
Northeast	32	5-48	10	12.0	17	11.6	2.7
West Central	24	5-30	10	10.8	17	16.3	2.3
Central	26	5-15	10	8.7	20	14.2	2.7
East Central	15	4-10	10	8.0	8	12.5	1/
Southwest	23	5-20	10	11.2	14	13.1	1.2
South Central	27	5-30	10	10.6	17	11.2	2.8
Southeast	16	10-20	10	11.8	7	19.9	2.8
STATE	230	4-48	10	10.8	150	13.5	2.4
				HAULING OATS			
Northwest	18	5-20	10	10.9	12	10.5	1.7
North Central	11	5-12	10	8.5	6	12.5	1/
Northeast	13	5-20	10	9.7	10	12.2	1.7
West Central	5	6-11	10	8.2	1/	--	--
Central	13	5-15	10	8.5	8	16.0	1/
East Central	9	3-10	10	6.6	5	14.6	1/
Southwest	10	4-15	10	9.3	7	10.4	1/
South Central	19	5-13	10	8.8	11	11.0	2.0
Southeast	6	8-20	10	11.8	1/	--	1/
STATE	104	3-20	10	9.2	63	12.7	2.2
				HAULING BARLEY			
Northwest	16	7-22	10	11.2	12	10.5	1.7
North Central	13	7-15	10	10.0	7	12.1	1/
Northeast	25	5-49	10	12.2	13	11.3	2.6
West Central	4	8-11	10	9.2	1/	--	--
Central	13	5-12	10	8.2	9	13.9	4.2
East Central	13	4-12	10	7.5	8	13.4	1/
Southwest	8	5-15	10	9.7	5	10.6	1/
South Central	13	5-15	10	8.8	8	11.4	2.3
Southeast	6	10-20	10	12.5	1/	--	1/
STATE	111	4-49	10	10.1	67	12.4	2.3
				HAULING SUNFLOWER			
		- Cents/Cwt. -					- Cents/Cwt. -
Northwest	7	5-40	10	22.0	5	17.0	1/
North Central	3	5-20	10	12.7	1/	--	--
Northeast	15	8-25	10	12.6	7	12.4	3.2
West Central	1/	--	--	--	1/	--	--
Central	8	6-15	10	10.8	6	14.3	1/
East Central	7	7-30	10	15.7	4	15.7	1/
Southwest	4	8-15	10	10.5	4	12.2	1/
South Central	5	8-30	10	17.0	1/	--	--
Southeast	5	10-40	10	22.4	1/	--	--
STATE	56	5-40	10	14.9	32	13.3	3.5

District	Basic Charge				Average Maximum Moisture Content For Basic Charge		Extra Charge Charge for Each Add'l. 1% Moisture Removed
	No. of Rpts.	Range in Rates Reported	Most Frequent Rate Reported	Average of All Rates	No. of Rpts.	Avg. Moist.	
	-No.-	- Cents/Bushel -			- No. -	-Percent-	-Cents/Bushel-
				DRYING WHEAT			
Northwest	36	7-30	10	18.4	33	16.9	1.9
North Central	27	5-25	10	14.5	25	15.7	3.7
Northeast	68	5-30	10	14.5	61	16.8	2.0
West Central	10	7-30	10	14.7	7	16.4	1/
Central	19	7-50	10	17.4	18	17.6	3.8
East Central	19	5-35	10	13.5	17	16.1	2.8
Southwest	6	15-45	10	21.8	3	15.3	3.0
South Central	12	9-45	10	19.9	11	16.5	3.0
Southeast	12	12-40	10	19.6	9	17.0	3.0
STATE	209	5-50	10	16.2	184	16.6	2.6
				DRYING SUNFLOWER			
		- Cents/Cwt. -					-Cents/Cwt.-
Northwest	10	7-70	30	26.5	10	16.2	3.9
North Central	7	20-40	20	30.0	4	16.2	1/
Northeast	34	9-60	30	25.7	29	14.5	4.1
West Central	1/	--	--	--	1/	--	--
Central	13	8-50	20	27.4	12	14.0	5.0
East Central	18	7-50	30	29.1	17	16.1	6.0
Southwest	1/	--	--	--	1/	--	--
South Central	1/	--	--	--	1/	--	--
Southeast	14	15-40	20	28.5	12	16.4	4.0
STATE	102	7-70	20	27.3	89	15.2	4.9

1/ Too few reports for stable average; included in State figures.

Continued from page 88

The rates shown include charges for the equipment, tractor, or power unit used, fuel, and the operator. Exchange work between farmers is not considered custom work, although some low reports may reflect custom work done for neighbors. On the other hand, some of the high rates may be due to special circumstances or conditions.

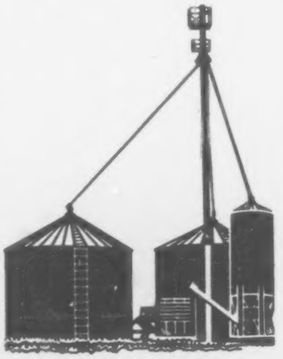
The total number of reports, range in rates, most frequent rate reported, and average rate are listed for each operation on a state level and also broken down to individual crop reporting districts. A comparison to rates reported for the same operations in 1977 is also listed on a Statewide level. If the number of reports was small and variation wide, averages for district or state should be considered only as approximations.

The drought conditions of 1980 limited the demand for custom work, which reduced the number of reports. Few reports may also indicate that the specific operation is not frequently done on a custom basis.

Variations among districts or areas, for most custom rates, is to be expected due to wide differences in type and size of equipment, crop yields, size of fields, soil type, and profits expected by the custom operator.

This report makes no attempt to evaluate the rates currently being charged. It is intended only to reflect rates for custom farm work in North Dakota during 1980.

Appreciation is expressed to those operators who took time to respond to the Custom Rates Survey, the North Dakota State University Agricultural Experiment Station, Department of Agricultural Economics, and the Cooperative Extension Service for their help on this project.



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